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POSOLOGY AND PRESCRIPTIONS

BRUMLEY

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BOOK OF

Veterinary Posology

AND

PRESCRIPTIONS

BY

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REVISED EDITION

R. G. ADAMS & CO.
COLUMBUS, OHIO
1913

SF915
.B8
1913

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PREFACE.

This book has been prepared as a ready reference to be used by the student during the course in materia medica, pharmacy, and for work in the dispensary. The metric system is used thro-out the book, but there is included a table of equivalents which would make it easy to be converted into the other system. It is hoped that the information contained in this book will be of assistance not only to the student but to the practitioner as well.

November 1, 1912. O. V. B.

POSOLOGY

AND

PRESCRIPTIONS

WEIGHTS AND MEASURES.

TROY OR APOTHECARIES' WEIGHTS.

20 grains make 1 scruple.
3 scruples make 1 drachm.
8 drachms make 1 ounce.
12 ounces make 1 pound.

APOTHECARIES' MEASURE.

60 minims make 1 fluid drachm.
8 fluid drachms make 1 fluid ounce.
16 fluid ounces make 1 pint.
8 pints make 1 gallon.

METRIC SYSTEM.

METRIC TABLE OF LENGHTS.

10 Millimeters make 1 Centimeter.
10 Centimeters make 1 Decimeter.
10 Decimeters make 1 Meter.
10 Meters make 1 Dekameter.
10 Dekameters make 1 Hectometer.
10 Hectometers make 1 Kilometer.
10 Kilometers make 1 Myriameter.

METRIC TABLE OF CAPACITIES.

10 Milliters make 1 Centiliter.
10 Centiliters make 1 Deciliter.
10 Deciliters make 1 Liter.
10 Liters make 1 Dekaliter.
10 Dekaliters make 1 Hectoliter.
10 Hectoliters make 1 Kiloliter.
10 Kiloliters make 1 Myrialiter.

METRIC TABLE OF WEIGHT.

10 Milligrams make 1 Centigramme.
10 Centigrammes make 1 Decigramme.
10 Decigrammes make 1 Gramme.
10 Dekagrammes make 1 Hectogramme.
10 Hectogrammes make 1 Kilogramme.
10 Kilogrammes make 1 Myriagramme.

EQUIVALENTS OF APOTHECARIES IN METRIC MEASURES.

Minims.	*Cubic Centimeters.*
1	0.061
2	0.123
3	0.185
4	0.246
5	0.308
6	0.370
7	0.431
8	0.493
9	0.554
10	0.616
11	0.678
12	0.739
13	0.801
14	0.863
15	0.924
16	1.09
17	1.06
18	1.12
20	1.23
30	1.84
40	2.46
50	3.08

Fluid Drachms.	*Cubic Centimeters.*
1	3.7
2	7.39
3	11.09
4	15.00
5	18.50
6	22.50
7	26.00

Fluid Ounces.	*Cubic Centimeters.*
1	29.57
2	59.14
3	89.00
4	118.29

Fluid Ounces.	*Cubic Centimeters.*
5	148.00
6	177.42
7	207.00
8	236.59
9	266.16
10	295.73
12	355.00
16	473.17
20	591.50
24	710.00
32	946.35
128	3785.43

EQUIVALENTS OF APOTHECARIES IN METRIC WEIGHTS.

Grain.	*Gramme.*
1-1000	.000065
1-500	.000129
1-250	.000258
1-200	.000324
1-150	.00043
1-120	.00054
1-100	.00064
1-75	.00086
1-60	.00108
1-50	.00129
1-40	.00162
1-30	.00216
1-25	.00259
1-20	.00324
1-12	.00540
1-10	.00649
1-8	.0081
1-6	.0108
1-5	.0129
1-4	.0162
1-3	.0216
1-2	.0324

Grains.	*Grammes.*
1	.0648
2	.1296
3	.1944
4	.2592
5	.3240
6	.3888
7	.4536
8	.5184
9	.5832
10	.6480
11	.7128
12	.7776
13	.8424
14	.9072
15	.9720
20	1.2960
25	1.6200
30	1.9440
35	2.2680
40	2.2920
45	2.9160
50	3.2400
55	3.5640
59	3.8232

Drachms	*Grammes.*
1	3.88
2	7.776
3	11.664
4	15.552
5	19.440
6	23.328
7	27.216

Ounce.	*Grammes.*
1	31.103
2	62.207
3	93.310
4	124.414

Ounces.	*Grammes.*
5	155.517
6	186.631
7	217.724
8	248.828
9	279.930
10	311.035
11	342.138
12	373.242
14	435.449
16	497.656
20	622.070
24	746.484
32	995.312
48	1492.968
64	1990.624
100	3110.350

From a practical standpoint the following approximate equivalents may be made:

1 gramme—15 grains.
1 decigramme—1.5 grains.
1 centigramme—0.15 grain.
1 milligramme—0.015 grain.
1 killogramme—15,432 grains or about 2.2 lbs.
1 cubic centimeter—15 minims.
4 cubic centimeters—1 fluid drachm.
15 cubic centimeters—4 fluid drachms.
30 cubic centimeters—1 fluid ounce.
500 cubic centimeters—16 fluid ounces.
1000 cubic centimeters—32 fluid ounces.
Teaspoonful—1 fluid drachm.
Dessertspoonful—2 fluid drachms.
Tablespoonful—4 fluid drachms.
Wineglassful—2 fluid ounces.
Teacupful—4 fluid ounces.
Tumblerful—8 fluid ounces.

TO MAKE SOLUTIONS OF VARIOUS STRENGTHS.

For ordinary use, dissolve the amount of the drug in one-half liter (500 c. c.) of water.

1-100 per cent., use	.0486
1-50 per cent., use	.0972
1-30 per cent., use	.1620
1-20 per cent., use	.2349
1-15 per cent., use	.2851
1-10 per cent., use	.4730
1-5 per cent., use	.9460
1-4 per cent., use	1.2626
1-2 per cent., use	2.525
1 per cent., use	5.050
2 per cent., use	10.10
3 per cent., use	15.15
4 per cent., use	20.20
5 per cent., use	25.25
10 per cent., use	50.50
20 per cent., use	101.00
50 per cent., use	252.50

TABLE OF SOLUBILITY OF SOME OF THE MOST IMPORTANT DRUGS.

	Water.	*Alcohol.*
Acetanilidum	200	Insoluble
Acetphenetidinum (phenacetin)	Sparingly	16.
Acidum boricum	25	15.
Acidum carbolicum	(Phenol)	
Acidum hydrochlor.	Freely miscible	Freely miscible
Acidum lacticum	Freely miscible	Freely miscible
Acidum phosphor.	Freely miscible	Freely miscible
Acidum salicylicum	450	2.4
Acidum sulphuricum	Freely miscible	Freely miscible
Acidum tannicum	1.00	0.6
Acidum tartaricum	0.80	2.5
Aether	10.00	Freely miscible
Aloinum	60.00	30.00

	Water.	*Alcohol.*
Alumen	9.00	Insoluble
Ammonii bromidum	1.50	30.00
Ammonii carbonas	5.00	Partly soluble
Ammonii chloridum	3.00	Insoluble
Ammonii et potassii tar	17.00	Insoluble
Apomorphinae hydrochloras	45.00	45.00
Argenti nitras	Soluble	Insoluble
Atropina	130.00	26.00
Atropinae sulphas	0.6	3.00
Barium chlorid	0.4	Insoluble
Bismuthi subcarbon	2.5	Almost insoluble
Bismuthi subnitras	Insoluble	Insoluble
Calcii chloridum	1.5	8.00
Calcii sulphas	410.00	Insoluble
Camphora	Very sparingly	Readily
Chloral	0.8	0.8
Chlorofornum	Sparingly	Readily
Cinchonina	3760.	116.00
Cinchoninae sulphas	66.	10.00
Cocainae hydrochloras	4.	3.50
Codeina	80.	3.00
Creolin	Insoluble	Readily
Creosotum	150.	Readily
Cupri sulphas	2.6	Almost Insoluble
Eucalyptol	Sparingly	Readily
Ferri Arsenas	Insoluble	insoluble
Ferri chloridum	Readily	Readily
Ferri sulphas	1.8	Insoluble
Glycerinum	Readily	Readily
Hydragyri chlor. corrosivum	16.	3.00
Hydrargyri chlor. mite	Insoluble	Insoluble
Hydragyri Iodidum rubrum	Insoluble	130.00
Hyoscyaminae sulphas	0.5	2.5
Ichthyol	Readily	Partially
Iodoformum	Very slight	100.

	Water.	*Alcohol.*
Iodum	5000.	10.00
Magnesii sulphas	1.5	Almost Insoluble
Menthol	Sparingly	Readily
Morphine	4350.	300.00
Morphine sulphas	21.	702.00
Napthol		
Pepsinum sac	Readily	Insoluble
Phenacetin (Acetphen)		
Phenol (Acid Carbol)	19.6	Readily
Physostigminae salicylas	150.	12.
Physostigminae hydrochloras	Readily	Readily
Pilocarpinae hydrochloras	Readily	Readily
Plumbii acetas	2.3	21.
Potassii bicarbonas	3.2	Almost insoluble
Potassii bromidum	1.6	200.
Potassii chloras	16.7	Insoluble
Potassii iodidum	.75	18.
Potassii nitras	3.8	Sparingly
Potassii perman	16.	
Pyoktanin	75.	Readily
Quinine sulphas	740.	65
Salol (Phen. Sal)		
Santoninum	Sparingly	40.
Sodii bicarbonas	11.3	Insoluble
Sodii boras	16.	Insoluble
Sodii bromidum	1.2	13.
Sodii hyposulphas	.65	Insoluble
Sodii phosphas	5.8	Insoluble
Sodii sulphas	2.8	Insoluble
Strychnine sulphas	50.	109.
Sulphur precipitatum	Insoluble	Insoluble
Thymol	1200	Very slight
Zinci acetas	2.7	36.
Zinci chloridum	0.3	Readily
Zinci oxidum	Insoluble	Insoluble
Zinci sulphas	0.6	Insoluble

DELIQUESCENT SALTS OR SUBSTANCES.

Acidum Chromicum.
Ammonii Iodidum.
Ammonii Nitras.
Ammonii Valerianas.
Aurii et Sodii Chloridum.
Caffeina Citrata.
Calcii Bromidum.
Calcii Chloridum.
Chloral.
Ferri Chloridum.
Ferri et Quininae Citras.
Hyoscyaminae Hydrobromas.
Hyoscyaminae Sulphas.
Lithii Bromidum.
Lithii Citras.
Lithii Salicylas.
Magnesii Citras Granulatus.
Pepsinum.
Pilocarpinae Hydrochloras.
Physostigminae Sulphas.
Potassa.
Potassa cum Calce.
Potassii Acetas.
Potassii Carbonas.
Potassii Citras.
Potassi Cyanidum.
Potassii Hypophosphis.
Potassii Sulphis.
Soda.
Sodii Hypophosphis.
Sodii Iodidum.
Sodii Nitris.
Sparteinae Sulphas.
Strontii Bromidum.
Strontii Iodidum.
Zinci Bromidum.
Zinci Chloridum.
Zinci Iodidum.
All granular effervescent salts.

EFFLORESCENT SALTS.

Acidum Citricum.
Cadmii Sulphas.
Codeina.
Cupri Acetas.
Cupri Sulphas.
Ferri et Ammonii Sulphas.
Ferri Sulphas.
Magnesii Sulphas.
Plumbi Acetas.
Potassii Ferrocyanidum.
Quinine Salts.
Sodii Arsenas.
Sodii Acetas.
Sodii Benzoas.
Sodii Boras.
Sodii Hyposulphis.
Sodii Carbonas.
Sodii Phosphas.
Sodii Sulphas.
Strychnine Salts.
Zinci Acetas.
Zinci Sulphas.

TABLE OF THERAPEUTICAL AGENTS.

I. INTERNAL REMEDIES.

A. Affecting Nutrition:

Hæmatics (Blood Tonics).
Alkalies.
Acids.
Digestants.
Antipyretics.
Alteratives.

B. Affecting the Nervous and Muscular System:

(a) The Brain—
Cerebral Excitants.
Cerebral Depressants.
Narcotics.
Hypnotics.
Analgesics.
Anæsthetics.

(b) The Spinal Cord—
Motor Excitants.
Motor Depressants.

(c) Nerve Centers and Ganglionic System—
Antispasmodics.
Tonics.
Antiperiodics.

(d) Heart and Circulatory System—
Cardiac Stimulants.
Cardiac Sedatives.
Vascular Stimulants.
Vascular Sedatives.

(e) Excretories—
Diuretics.
Renal Depressants.
Vesical Tonics and Sedatives.
Urinary Sedatives.
Diaphoretics and Sudorifics.
Anhidrotics.
Antilithics.

C. Affecting Special Organs—Partly Through the Nervous System:

(a) Organs of Respiration—
- Expectorants.
- Pulmonary Sedatives.
- Errhines.
- Sternutatories.

(b) Alimentary Canal—
- Sialagogues.
- Emetics.
- Purgatives.
- Astringents.
- Stomachics.

(c) The Liver—
- Hepatic Stimulants.
- Cholagogues.
- Hepatic Depressants.

(d) Generative System—
- Ecbolics or Oxytoxics.
- Emmenagogues.
- Aphrodisiacs.
- Anaphrodisiacs.

(e) Eyes (Ciliary Muscle)—
- Mydriatics.
- Myotics.

II. EXTERNAL REMEDIES.

A. Irritants:
- Rubefacients.
- Epispastics.
- Pustulants.
- Escharotics.

B. Local Sedatives:
- Demulcents.
- Emollients.

III. AGENTS WHICH ACT UPON ORGANISMS WHICH INFEST THE ANIMAL BODY.

Antiseptics.
Disinfectants.
Antizymotics.
Anthelmintics.
Antiparasitics.
Antiperiodics.

THERAPEUTICAL CLASSIFICATION OF DRUGS.

Alteratives.

Acid, Arsenous.
Acid, Hydriodic.
Ammonium Benzoate.
Antimony Salts.
Arsenic and Mercury Iodide Solution.
Arsenites and Arsenates.
Calcium Chloride.
Colchicum.
Copper Salts.
Creosote and its Compounds.
Gold Salts.
Guaiacol and its Compounds.
Ichthyol.
Iodides.
Iodipin.
Iodoform.
Manganese Dioxide.
Mecurials.
Potassium Bichromate.
Potassium Chlorate.
Pulsatilla.
Sanguinaria.
Silver Salts.
Stillingia.
Sulphur.
Suprarenal Capsule.
Xanthoxylum.
Zinc Salts.

Analgesics. See Anodynes, General.

Anaphrodisiacs.

Belladonna.
Bromides.
Bromipin.
Camphor.
Cocaine.
Conium.
Digitalis.
Gelsemium.
Hyoscyamus.
Opium.
Stramonium.

Anaesthetics, General.

Chloroform.
Ether.
Ethyl Bromide.
(Nitrous Oxide.)

Anaesthetics, Local.

Chloretone.
Ether Spray.
Ethyl Chloride.
Eucaine.
Holocaine.
Menthol.
Tropacocaine.

Anodynes, General.

Acetanilid.
Acid, Salicylic.
Aconitine.
Antipyrine.
Aspirin.
Atropine.
Bromides.
Butyl-chloral Hydrate.
Caffeine.
Camphor Monobrom.
Chloroform.
Codeine.
Gelseminine.
Methylene Blue.
Morphine Salts.
Oil Gaultheria.
Phenacetin.

Anodynes, Local.

Acid, Carbolic.
Aconite, Tincture.
Aconitine.
Ammonia water.
Atropine.
Belladonna.
Chloroform.
Chloral Hydrate.
Guaiacol.
Ichthyol.

Antacids or Alkalines.

Calcium Carbonate.
Lime Water.
Lithium Carbonate.
Magnesia.
Magnesium Carbonate.
Potassium Bicarbonate.
Potassioum Carbonate.
Potassium Hydrate.
Sodium Bicarbonate.
Sodium Carbonate.
Sodium Hydrate.

Anthelmintics.

Aspidium.
Chenopodium.
Koussein.
Napthalin.
Oil Turpentine.
Extract Male Fern.
Pelletierine Tannate.
Pumpkin Seed.
Quassia Infusion.
Santonin with Calomel.
Sodium Santoninate.
Spigelia.
Thymol.

Anti-emetics.

Acid, Hydrocyanic.
Bismuth Subcarbonate.
Bismuth Subnitrate.
Bromides.
Cerium Oxalate.
Chloroform.
Codeine.
Ether.
Menthol.
Morphine.
Orexine Tannate.

Antigalactagogues.

Agaricin.
Belladonna.
Camphor; **topically.**
Conium.
Ergot.
Iodides.
Saline Purgatives.

Antihydrotics.

Acid, Camphoric.
Acid, Gallic.
Acid, Tannic.
Agaricin.
Atropine.
Lead Acetate.
Picrotoxin.
Quinine.
Salicin.

Antilithics.

Acid, Benzoic.
Alkalies.
Benzoates.
Lithium Salts.
Magnesium Citrate.
Magnesium Oxide.
Piperazine.
Potassium Bicarbonate.
Potassium Carbonate.
Potassium Citrate.
Sodium Bicarbonate.
Sodium Phosphate.
Sodium Salicylate.

Antiparasitics.

See Parasiticides.

Antiperiodics.

Acid. Arsenous.
Acid, Picric.
Arsenites.
Berberine Carbonate.
Cinchona and Alkaloids.
Methylene Blue.
Quinine.
Salicin.

Antiphlogistics. See also Antipyretics.

Aconite, Tincture.
Antimony-Potassium Tartrate.
Gelsemium.
Ichthyol; internally.
Lead Salts.
Opium.

Antipyretics.

Acetanilid.
Acid, Benzoic.
Acid, Carbolic.
Acid, Salicylic.
Aconite, Tincture.
Ammonium Acetate: Solution.
Ammonium Benzoate.
Aspirin.
Phenacetin.
Quinine and Salts.
Resorcin.
Veratrum Viride, Tincture.

Antiseptics. See also Disinfectants.

Acetanilid.
Acid Benzoic; and Benzoates.
Acid, Boric; and Borates.

Acid, Carbolic.
Acid, Picric.
Aristol.
Bismuth, Benzoate.
Bismuth, Oxyiodide.
Bismuth, Subgallate.
Borolyptol.
Chlorine Water.
Creolin.
Creosote and its compounds.
Eucalyptol.
Formaldehyde.
Glycozone.
Hydrogen Peroxide.
Hydrozone.
Ichthyol.
Iodoform.
Iodol.
Listerine.
Magnesium Salicylate.
Magnesium Sulphite.
Mercury Bichloride.
Mercury Cyanide.
Mercury Oxycyanide.
Napthalin.
Napthol.
Oil Cade.
Oil Eucalyptus.
Oil Gaultheria.
Oil Pinus Sylvestris.
Oil Turpentine.
Potassium Chlorate.
Potassium Permanganate.
Pyoktanin.
Quinine.
Resorcin.
Salol.
Silver Citrate.
Silver Nitrate.
Sodium Biborate.
Sodium Bisulphate.
Sodium Salicylate.
Sodium Sulphocarbolate.
Sodium Thiosulphate.
Tannoform.
Terebene.
Thymol.
Xeroform.
Zinc Carbolate.
Zinc Permanganate.
Zinc Sulphocarbolate.

Antisialagogues.

Atropine.
Belladonna.
Cocaine Hydrochlorate.
Myrrh.
Opium.
Potassium Chlorate.
Sodium Borate.

Antispasmodics.

Acid, Camphoric.
Ammonium Valerianate.
Amyl Nitrite.
Atropine.
Bromides.
Bromoform.
Camphor.
Camphor Monobrom.
Chloral Hydrate.
Chloroform.
Coniine Hydrobromate.
Eserine.
Ether.
Ethyl Bromide.

Ethyl Iodide.
Hyoscine Hydrobromate.
Hyoscyamus.
Lactucarium.
Lobelia.
Lupulin.
Morphine.
Musk.
Nitrites.
Nitroglycerine.
Opium.
Paraldehyde.
Pulsatilla; tincture.
Stramonium.
Zinc. Valerianate.

Antituberculars.

Acid Cinnamic.
Acid, Sulphurous.
Arsenical Compounds.
Cantharidin.
Cod-Liver Oil.
Creosote and its Compounds.
Guaiacol and Salts.
Glycerinophosphates.
Ichthyol.
Iodoform, topically.
Menthol.
Methylene Blue.
Sodium Cacodylate.
Sodium Cinnamate.
Sodium Formate: Subcutaneously.

Antizymotics. See Antiseptics and Disinfectants.

Aperients. See Cathartics.

Aphrodisiacs.

Cantharides.
Damiana.
Glycerinophosphates.
Gold.
Nux Vomica.
Phosphorus.
Strychnine.

Astringents.

Acid, Chromic.
Acid, Gallic.
Acid, Lactic.
Acid, Tannic.
Alum.
Aluminum Acetate; Solution.
Aluminum Chloride.
Aluminum Sulphate.
Bismuth Salts.
Copper Acetate.
Copper Sulphate.
Hydrastine Hydrochlorate.
Hydrastis.
Ichthyol.
Iron Sulphate, and other iron salts.
Lead Acetate, and other lead salts.
Potassium Bichromate.
Silver Citrate.
Silver Nitrate.
Zinc Acetate.
Zinc Sulphate.

Astringents, Intestinal.

Acid, Lactic.
Acid, Tannic.
Bismuth Salts.

Catechu.
Geranium.
Kino.
Krameria.
Lead Acetate.
Silver Nitrate.
Tannalbin.

Cardiac Sedatives.

Acid, Hydrocyanic.
Aconite.
Antimony preparations.
Chloroform.
Digitalis.
Gelsemium.
Pilocarpine.
Veratrine.
Veratrum Viride.

Cardiac Stimulants.

Ammonia.
Ammonium Carbonate.
Atropine.
Caffeine.
Digitalis.
Ether.
Nitroglycerine.
(Oxygen).
Sparteine Sulphate.
Strophanthus.
Strychnine (Tonic).

Carminatives.

Anise.
Calumba.
Capsicum.
Cardamom.
Caraway.
Cascarilla.
Chamomile.
Cinchona.
Cinnamon.
Cloves.
Gentian.
Ginger.
Nutmeg.
Nux Vomica.
Oil Cajuput.
Oil Mustard.
Orange Peel.
Orexine Tannate.
Pepper.
Pimenta.
Quassia.
Sassafras.
Serpentaria.

Cathartics.

Laxatives:

Cascara Sagrada.
Figs.
Glycerin.
Magnesium Carbonate.
Magnesium Oxide.
Manna.
Oil Almond, expressed.
Oil Olive.
Rhammus Cathart.
Rhammus Frang.
Sulphur.

Saline Purgatives:

Magnesium Citrate.
Magnesium Sulphate.
Potassium Bitartrate.
Potassium Tartrate.
Potassium and Sodium Tartrate.
Sodium Phosphate.
Sodium Sulphate.
Sodium Tartrate.

Simple Purgatives.

Aloes.
Calomel.
Castor Oil.
Rhubarb.
Senna.

Drastic Cathartics:

Colocynth.
Elaterium.
Euonynim.
Gamboge.
Jalap.
Oil, Croton.
Podophyllin.
Scammony.

Hydragogues:

Drastic Cathartics in large doses.
Saline Purgatives.

Cholagogues:

Aloin.
Euonynim.
Leptandrin.
Mercurials.
Ox-Gall.
Podophyllum.

Caustics. See *Escharotics.*

Cerebral Depressants. See also Narcotics.

Anæsthetics, general.
Antispasmodics; several.
Hypnotics.
Narcotics.

Cerebral Stimulants.

Alcohol.
Amyl Nitrite.
Atropine.
Belladonna.
Caffeine.
Cannabis.
Cocoa.
Cocaine.
Coffee.
Ether.
Nitroglycerin.
Strychnine.

Cholagogues. See Cathartics; also Hepatic Stimulants.

Constructives. See Tonics.

Counter-Irritants. See Irritants.

Demulcants.

Acacia.
Albumin.
Althea.
Cetraria.
Chondrus.
Elm.
Flaxseed.
Gelatin.
Glycerin.
Oil Almond expressed.
Oil Olive.
Starch.

Deoxidizers. (Reducing Agents).

Acid, Pyrogallic.
Ichthyol.
Resorcin.

Depilatories.

Barium Sulphide.
Calcium Oxide.
(Calcium Sulphydrate)
Cautery.
Sodium Ethylate.
Sodium Sulphide.

Diaphoretics and Sudorifics.

Acid, Salicylic and Salicylates.
Aconite.
Ammonium Acetate.
Camphor.
Dover's Powder.
Ether.
Guaiac
Opium.
Pilocarpine Hydrochlorate.
Potassium Citrate.
Potassium Nitrite.
Sodium Nitrite.
Spirit Nitrous Ether.
Veratrum Viride.

Digestives.

Acid, Hydrochloric.
Acid, Lactic.
Ingluvin.
Lactopeptine.
Malt.
Orexin Tannate.
Pancreatin.
Papain.
Pepsin.

Disinfectants. See also Deoderants.
Acid, Boric.
Acid, Carbolic.
Acid, Sulphurous.
Aluminum Chloride.
Ammonium Persulphate.
Borates.
Calcium Permanganate.
Chlorine Water.
Creolin.
Eucalyptol.
Formaldehyde.
Glycozone.
Hydrogen Peroxide.
Hydrozone.
Iron Sulphate.
Lime, Chlorinated.
Mercury, Bichloride.
Napthol.
Oil Eucalyptus.
Potassium Permanganate.
Solution Chlorinated Soda.
Thymol.
Zinc Chloride.

Diuretics.

Adonis Vernalis.
Ammonium Acetate.
Apocynum.
Atropine.
Belladonna.
Cactus Grandiflorus.
Caffeine.
Convallamarin.
Copaiba.
Cubebs.
Digitalis preparations.
Diuretin.
Juniper.

Kava Kava.
Lithium Salts.
Matico.
Nitrites.
Oil Juniper.
Oil Santal.
Pilocarpine Hydrochlor.
Piperazine.
Potassium Acetate.
Potassium Bitartrate.
Potassium Citrate.
Potassium Nitrate.
Sodium Acetate.
Sodium Nitrate.
Sparteine Sulphate.
Spirit Nitrous Ether.
Squill.
Strophanthus.
Theobromine.

Ecbolics. See Oxytocics.

Emetics.

Antimony and Potassium Tartrate.
Apomorphine Hydrochlor.
Copper sulphate.
Emetine.
Ipecac.
Mercury Subsulphate.
Mustard with tepid water.
Zinc Sulphate.

Emmenagogues.

Aloes.
Cantharides.
Ergot.
Guaiac.
Iron Chloride and other salts of iron.
Manganese Dioxide.
Myrrh.
Pennyroyal.
Potassium Permangan.
Rue.
Savine.
Tansy.

Errhines. (Sternutatories).

Cubebs.
Sanguinarine.
Veratrine.
White Hellebore.

Escharotics.

Caustics:

Acid, Acetic Glacial.
Acid, Arsenous.
Acid, Carbolic.
Acid, Carbolic, Iodized.
Acid, Chromic.
Acid, Lactic.
Acid, Nitric.
Alum Burnt.
Copper Sulphate.
Iodine.
Potassa.
Silver Nitrate.
Soda.
Sodium Ethylate.
Zinc Chloride.

Expectorants.

Acid, Benzoic.
Ammoniac.
Ammonium Carbonate.
Ammonium Chloride.

Ammonium Salicylate.
Antimony and Potassium Tartrate.
Antimony Salts in general.
Apomorphine Hydrochlor.
Balsam Tolu.
Benzoates.
Emetine in small doses.
Glycyrrhizin, Ammoniated.
Ipecac.
Lobelia.
Oil Turpentine.
Pilocarpine Hydrochlor.
Potassium Iodide.
Sanguinarine.
Saponin.
Senegin.
Squill.
Tar.
Terebene.

Galactagogues.

Acid, Lactic.
Alcohol.
Ammonium Chloride.
Castor Oil; topically.
Extract Malt.
Jaborandi.
Pilocarpine Hydrochlor.

Gastric Tonics.
(Stomachics.)

Alkalies; before meals.
Aromatics.
Berberine Carbonate.
Bismuth Salts.
Bitters.
Carminatives.
Hydrastis.
Ichthalbin.
Nux Vomica.
Orexine Tannate.
Quassin.

Hematinics.

Arsenical Compounds.
Ext. Bone Marrow.
Hemo-gallol.
Hemoglobin.
Iron Compounds.
Managnese Compounds.
Sodium Cacodylate.

Hemostatics. See Styptics and Hemostatics.

Hepatic Depressants.

Lessening Bile:

Lead Acetate.
Purgatives; many of them.
Morphine.
Opium.
Quinine.

Lessening Urea:

Colchicum.
Morphine.
Opium.
Quinine.

Lessening Glycogen:

Arsenic.
Antimony.
Codeine.
Dionin.

Morphine.
Opium.
Phosphorus.

Hepatic Stimulants.

Acid, Benzoic.
Acid, Nitric.
Acid, Nitrohydrochlor.
Aloes.
Ammonium Chloride.
Amyl Nitrite.
Antimony.
Arsenic.
Benzoates.
Calomel .
Colocynth.
Euonynim.
Podophyllin.
Resin Jalap.
Sanguinarine.
Sodium Bicarbonate.
Sodium Phosphate.
Sodium Salicylate.
Sodium Sulphate.

Hypnotics (Soporifics.)

Acetanilid.
Apomorphine Hydrochlor.
Bromides.
Cannabin Tannate.
Chloral Hydrate.
Chloralose.
Chloretone.
Codeine.
Dionin.
Duboisine Sulphate.
Hyoscine Hydrobrom.
Hyoscyamine.
Morphine.
Paraldehyde.
Sulfonal.
Trional.
Urethane.

Intestinal Astringents. See Astringents

Irritants.

Rubefacients:

Ammonia.
Arnica.
Capsicum.
Iodine.
Menthol.
Mustard.
Oil Turpentine.
Oleoresin Capsicum.

Pustulants:

Antimony and Potassium Tartrate.
Oil, Croton.
Silver Nitrate.

Vesicants:

Acid, Acetic, Glacial.
Cantharides.
Chrysarobin.
Oil Mustard.

Laxatives. See Cathartics.

Motor Depressants.

Acid, Hydrocyanic.
Aconite.
Amyl Nitrite.
Apomorphine Hydrochlor.
Bromides.
Bromipin.
Bromoform.

Chloral Hydrate.
Chloroform (large doses).
Coniine Hydrobromate.
Gelsemium.
Gold Bromide.
Lobelia.
Muscarine.
Nitrites.
Nitroglycerin.
Physostigmine (Eserine).
Quinine (large doses).
Sparteine Sulphate.
Veratrum Viride.

Motor Excitants.

Alcohol.
Atropine.
Belladonna.
Brucine.
Camphor.
Chloroform.
Nux Vomica.
Picrotoxin.
Pilocarpine Hydrochlor.
Pyridine.
Strychnine.

Mydriatics.

Atropine.
Homatropine Hydrobrom.
Hyoscine Hydrobrom.
Scopolamine Hydrobrom.

Myotics.

Arecoline Hydrobrom.
Physostigmine. (Eserine).
Pilocarpine Hydrochlor.

Narcotics. See also Hypnotics.

Chloroform.
Chloral Hydrate.
Conium.
Hyoscine.
Hyoscyamine.
Morphine.
Opium.
Stramonium.

Oxytocics (Ecbolics).

Cotton Root Bark.
Ergot.
Hydrastine.
Hydrastine Hydrochlor.
Pennyroyal.
Quinine.
Rue.
Savine.

Parasiticides.

See Antiseptics and Disinfectans.

Purgatives. See Cathartics.

Refrigerants.

Acid, Citric.
Acid, Phosphoric, Dil.
Acid, Tartaric.
Ammonium Acetate.
Magnesium Citrate.
Magnesium Sulphate.
Potassium Bitartrate.
Potassium Citrate.
Potassium Nitrate.
Potassium Tartrate.
Sodium Nitrate.
Sodium Tartrate.

Resolvents (Discutients).

Arsenic.
Ichthyol.
Iodides.
Iodine.
Iodipin.
Iodole.
Mercurials.
Thiosinamine.

Respiratory Depressants.

Acid, Hydrocyanic.
Aconite.
Chloral.
Chloroform.
Conium.
Gelsemium.
Muscarine.
Opium.
Physostigma.
Veratrum Viride.

Respitory Stumulants.

Aspidiosperma. (Quebracho.)
Aspidiospermine.
Atropine.
Caffeine.
Cocaine.
Strychnine.

Restoratives. See Hematinics, Tonics.

Rubefacients. See Irritants.

Sedatives (Nerve). See also Depressants.

Acetanilid.
Amyl Nitrite.
Acid, Hydrobromic.
Antipyrin.
Bromides.
Bromipin
Bromoform.
Butyl-Chloral Hydrate.
Camphor.
Camphor, Monobrom.
Cardamom.
Chloral Hydrate.
Chloroform.
Cocaine.
Codeine.
Conium.
Ethyl Bromide.
Hyoscine Hydrobrom.
Hyoscyamine.
Hyoscyamus.
Lactucarium.
Lavender.
Lobelia.
Morphine.
Paraldehyde.
Scopolamine Hydrobrom.
Stramonium; tincture.
Sulfonal.
Urethane.
Valerian, and Valerianates.

Sialagogues.

(Ptyalagogues).

Acid and Alkalies.
Antimony Compounds.
Capsicum.
Ginger.
Iodine Compounds.
Mercurials.

Mucarine.
Mustard.
Pilocarpine Hydrochlor.
Pyrethrum.

Soporifics. See Hypnotics.

Spinal Stimulants.
See also Motor Excitants.
Alcohol.
Atropine.
Camphor; small doses.
Nux Vomica.
Picrotoxin.
Strychnine.

Sternutatories. See Errhines.

Stomachics.
See Gastric Tonics.

Styptics and Hemostatics.
Acid, Gallic.
Acid, Tannic.
Adrenalin.
Alum.
Antipyrine.
Copper Sulphate.
Extract Suprarenal Capsule.
Hamamelis.
Hydrastine Hydrochlor.
Iron Chloride, Ferric.
Iron Subsulphate.
Lead Acetate.
Manganese Sulphate.
Oil Turpentine.
Silver Nitrate.
Stypticin.
Terpinol.

Sudorifics. See Diaphoretics.

Taeniafuges. See Anthelmintics.

Tonics, General.
See also Hematinics.

Vegetable Tonics:
Bitters.
Berberine Carbonate.
Cinchona Alkaloids and Salts.
Cod-Liver Oil.
Eucalyptus.
Hydrastis.
Quassin.
Salicin.

Mineral Tonics:
Acid, Mineral.
Acid, Arsenous and its salts.
Acid, Hypophosphorous.
Acid, Lactic.
Bismuth Salts.
Calcium Glycerinophos.
Copper Salts; small doses.
Gold Salts.
Glycerinophosphates.
Hypophosphites.
Ichthyol.
Iron Compounds.

Manganese Compounds
Phosphorus.

Vaso-Constrictors.

Adrenalin.
Ergot.
Extract Suprarenal Capsule.
Hydrastine Hydrochlorate.
Hydrastinine Hydrochlor.
Stypticin.

Vaso-Dilators.

Amyl Nitrite.
Ether.
Nitroglycerin.
Potassium Nitrate.
Sodium Nitrite.
Spirit Nitrous Ether.

Vermicides. See Anthelmintics.

Vesicants. See Irritants.

THERAPEUTICAL AGENTS DEFINED.

Haematics restore the quality of the blood to normal condition. They exert a direct influence on the composition of the blood: e. g., preparations of iron, of manganese, cod-liver oil, etc.

Alkalies act, in the concentrated form, as caustics (escharotics), but when diluted, as antacids. Dilute alkalies, if given before meals, however, will stimulate the production of the acid gastric juice. The carbonates of potassa and soda and the bicarbonates, also preparations of the alkaline earths, such as lime-water and mixtures of magnesium carbonate, are good examples. Some of the salts of the alkalies have a remote antacid effect, becoming decomposed in the blood and excreted in the urine, which it renders less acid.

Acids.—These have an action opposite to that of the alkalies. When much diluted, they are administered for the purpose of checking hyper-acidity of the stomach, by stimulatipg the production of the alkaline pancreatic juice and checking the acid gastric juice.

Digestants.—Agents which effect solution (digestion) of food in the alimentary canal. Examples: Pepsin, pancreatin, trypsin, papain, etc.

Antipyretics.—Agents which reduce the temperature of the body, either by reducing the circulation or diminishing tissue change, or favoring the loss of heat through radiation, conduction, etc. Examples: Quinine, aconite, antipyrine, antimony, etc.

Alteratives.—A term used to designate a class of agents which alter the course of morbid conditions, modifying the nutritive processes while promoting waste, by stimulating secretion, absorption and the elimination of morbid deposits; especially used in the chronic diseases of the skin. Employed in the treatment of phthisis, syphilis, gout, neuralgia, asthma, etc. Examples: Arsenous acid, mercury, iodine and the iodides, sarsaparilla, guaiac, colchicon, stillingia, etc.

Cerebral Excitants.—Agents which increase the functional activity of the cerebrum, without causing any subsequent depression of brain function. Examples: Camphor, valerian, caffeine, cannabis (in small doses), etc.

Cerebral Depressants have an opposite effect to the preceding, lessening brain activity. Some of the drugs of this class are employed as hypnotics or as analgesics.

Narcotics.—Agents which lessen the sensibility to pain and cause sleep. A narcotic will abolish pain, while an anodyne will frequently merely overcome wakefulness. Examples: Opium, cannabis indica, belladonna, humulus, etc.

Hypnotics.—Agents which induce sleep and will often abolish pain and cause neither deliriant nor narcotic effects. Examples: Chloral, sulphonal, trional, the bromides, etc.

Analgesics.—Agents which relieve pain by their effect upon the sensory centers; the term is synony-

mous with anodynes. The general anodynes, when taken internally, affect the whole organism; local anodynes affect the part to which they are applied, some by their depression of the terminal nerve organs in the skin, others by reducing the local circulation. Examples: Opium, belladonna, hyoscyamus, aconite, antipyrine, acetanilid, etc.

Anaesthetics.—Agents which suspend consciousness and temporarily destroy sensation. The local anæsthetics affect only the part to which they are applied, and diminish or temporarily destroy the sensibility of the part. Examples: Ether, chloroform, nitrous oxide, etc. Local anæsthetics: Cocaine, carbolic acid, ether spray, etc.

Motor Excitants.—Agents which increase the functional activity of the spinal cord and the motor apparatus, invigorating the action of the heart and lungs. Examples: Nux vomica, strychnine, etc.

Motor Depressants have an opposite effect to the motor excitants, lowering the functional activity of the spinal cord and motor apparatus. Examples: Alcohol, opium, aconite, conium, belladonna, etc.

Antispasmodics.—Agents acting on the nervous system in various ways. They prevent or allay irregular action or spasm of voluntary and involuntary muscles. This is accomplished frequently by a sedative influence upon the nerve centers, while a few others exert their influence by stimulating the nerve centers. Examples: Alcohol, ether, valerian, camphor, asafœtida, musk, the bromides, hydrocyanic acid, etc.

Tonics.—Agents which increase the vigor and tone of the system by improving the appetite, favoring digestion and assimilation, and adding strength to the circulatory system. Examples: Gentian, columbo, quinine, etc.

Antiperiodics.—Agents which prevent or check the return of diseases which recur periodically, pos-

sibly by a toxic action upon the microbes in the blood, which are supposed to cause the disease; but little is known of their mode of action. The typical antiperiodic, quinine, has, however, a decided effect upon the heart and brain, as well as other parts of the nervous system.

Cardiac Stimulants, as the name implies, are agents which increase the heart's action, the force and frequency of the pulse. Examples: Ether, alcohol, atropine, sparteine, nitroglycerine, etc.

Cardiac Sedatives allay and control palpitation and overaction of the heart. Examples: Aconite, veratrum viride, digitalis, antimony, etc.

Vascular Stimulants.—Agents which dilate the peripheral vessels and increase the peripheral circulation. Members of this class also strengthen the heart's action, and are advantageously employed in debilitated conditions of the central organs of the circulation. Examples: Alcohol, preparations of ammonia, caffeine, digitalis, strophanthus, etc.

Vascular Sedatives.—Agents which lessen the capillary circulation and raise the blood pressure by stimulating the vasomotor center or its mechanism and the walls of the vessels. Examples: Ergot, digitalis, opium, salts of iron, etc.

Diuretcs.—Agents which increase the secretion of urine, acting either directly upon the secreting cells of the kidneys or by raising the general or local arterial tension. Employed in acute congestion and inflammation of the kidneys and in dropsies. Examples: Squill, scoparius, triticum, and organic salts of the alkalies.

Renal Depressants.—Agents which lower the activity of the renal cells, thereby lessening the urinary secretion. Examples: Morphine, quinine, ergot, etc.

Vesical Tonics and Sedatives.—Agents acting upon the bladder, in the one case increasing the tone

of the muscular fibers and in the other lessening the irritability of that organ. Examples: Tonics—strychnine, cantharis, belladonna, etc.; sedatives—opium, buchu, uva ursi, pareira, etc.

Renal Sedatives.—Agents which exert a sedative action upon the whole urinary tract. Examples: Copaiba, cubebs, etc.

Diaphoretics and Sudorifics.—Agents which increase the action of the skin and promote perspiration. Examples: Dover's powder, jaborandi, camphor, sweet spirits of niter, etc.

Anhidrotics. — Agents wihch check perspiration. Examples: Atropine, zinc salts, acids, etc.

Antilithics. — Agents used to prevent the formation of insoluble concretions or to dissolve concretions when formed in the ducts. Examples: Salts of lithia, potassium, benzoic acid, etc.

Expectorants. — Agents which are employed to facilitate the expulsion of bronchial secretions and to modify the character of these when abnormal. Examples; Ammonium chloride, the aromatic balsams, squill, licorice, senega, etc.

Pulmonary Sedatives. — Agents which allay the irritability of the respiratory center and the nerves of the lungs and bronchial tubes. Examples: Belladonna, opium, hyoscyamus, hydrocyanic acid, etc.

Errhines and Sternutatories are agents which affect locally the nasal mucous membrane, producing sneezing and an increase of nasal secretion. They also indirectly stimulate the vasomotor centers and at the same time excite the respiratory centers: Examples: Ipecacuanna, sanguinaria, veratrine, etc.

Sialagogues.—Agents which promote the secretion and flow of saliva from the salivary glands. Examples: Pyrethrum, mezereum, the mercurials and antimonials, etc.

Emetics. — Agents which cause vomiting, acting directly upon the nerves of the stomach or acting

through the blood upon the vomiting center, or by reflex irritation of the vomiting center. Examples: Mustard, zinc sulphate, apomorphine, ipecacuanha, tartar emetic, etc.

Purgatives produce evacuation of the contents of the intestinal canal by increasing secretion along the tract, by exciting peristaltic action, etc. Examples: Podophyllum, colocynth, jalap, croton oil, magnesium sulphate, etc.

Astringents.—Agents which produce contraction of muscular fiber, which coagulate albumen and lessen secretion from mucous membranes. Examples: Tannic and gallic acids, alum, lead acetate, persulphate of iron, etc.

Stomachics.—Agents which increase the appetite and promote gastric digestion. They also check fermentation and dispel accumulation of flatus. Examples: mint, cardamon, ginger, capsicum, etc.

Hepatic Stimulants. (Cholagogues). — Agents which excite the liver and increase the functional activity of that organ so that the amount of bile is augumented, etc. Hepatic stimulants increase the acivity of the liver-cells, while cholagugues removes the bile from the duodenum. Examples: Podophyllum, aloes, jalap, colocynth, mercurous chloride, etc.

Hepatic Depressants.—Agents which reduce the functional activity of the liver, having the opposite effect of the foregoing, that of diminishing the formation of the bile, urea and glycogen. Examples: Opium, quinine, arsenic, antimony, etc.

Ecbolics or Oxytoxics.—Agents which stiumlate the pregnant uterus and produce contraction of that organ, either by direct irritation of the muscles of the womb, or indirectly by affecting the uterine center of the cord. Examples: Ergot, cotton-root bark, savin, cimicifuga, etc.

Emmenagogues.—Agents which stimulate the uterine muscular fibres and restore the normal menstrual function. Examples: Ergot, apiol, iron, etc.

Aphrodisiacs.—Agents used to excite the function of the genital organs when they are morbidly depressed. Examples: Phosphorus, zinc phosphide, salts of iron, gold or arsenic, etc.

Anaphrodisiacs.—Agents which diminish the sexual desire. Examples: The bromides, camphor, etc.

Mydriatics.—Agents which cause dilation of the pupil; used to temporarily destroy accommodation by causing paralysis of the ciliary muscle. Examples: Atropine and homatropine.

Myotics.—Agents acting in a manner contrary to that of the above, producing contraction of the pupil by stimulating the circular muscular fibers of the iris and at the same time contracting the ciliary muscle. Examples: Pilocarpine, eserine, etc.

Irritants. — Agents which are applied locally to the skin to produce certain effects, as rubefacients (simply reddening the skin); epispastics (blistering); pustulants (causing blebs in which is found pus); escharotics, or caustics (actually destroying the tissue). Examples: Mustard (rubefacient); cantharides (epispastic); croton oil (pustulant); caustic potassa, carbolic acid, and strong mineral acids (esharotics).

Local Sedatives.—Agents which diminish irritation in the part to which applied, relieving local inflammation. Example: Acetate of lead, opium, belladonna, etc.

Demulcents. — Bland remedies used to allay and mechanically protect inflamed surfaces. They are used also internally for this purpose, as in acute inflammation of the alimentary canal. Examples: Mucilages of acacia, flaxseed, Iceland and Irish moss, elm, etc.

Emollients resemble the above; are used externally to soften and soothe the irritated and abraded skin. Examples: Lard, olive oil, cacao butter, etc.

Antiseptics.—Agents which arrest putrefaction, either by preventing the growth of micro-organisms causing putrefactive decomposition or by destroying these micro-organisms. Examples: Carbolic acid, corrosive sublimate, etc.

Disinfectants.—Some authorities limit the use of this term to those agents which destroy the micro-organisms. The terms antiseptic and disinfectant are frequently interchangeable. Examples: Corrosive sublimate, carbolic acid, iodoform, zinc chloride, eucalyptol, etc.

Antizymotics. — A term applied to agents which arrest fermentation. Examples: See above.

Anthelmintics.—Agents which destroy such parasitic worms as infest the alimentary canal. Tæniafuges destroy tape-worms; vermifuges expel these intestinal parasites. Examples: Santonin, spigelia, chenopodium, etc. Tæniafuges: Filix mas, pelletierin, cusso, etc.

Antiparasitics.—Agents which destroy those parasites which infest the animal body externally. Examples: Mercurial preparations, chrysarobin, carbolic acid, cocculus, etc.

Antiperiodics.—See above.

POISONS AND THEIR TREATMENT.

Poisons	Treatment	
Poison.	*Chemical and Mechanical.*	*Physiological.*
Acetanilide, Aniline, Antipyrine, Exalgin, Phenacetin,	Evacuate the stomach.	Dogs recumbent position, artificial respiration. Caffeine Citrate, Digitalis, Strychnine, Oxygen, Heat.
Acid-Acetic, Hydrochloric, Phosphoric, Nitric, Sulphuric.	Magnesia, Albumen, Lime-water, Soap, Demulcents, Avoid emetics in dogs if acid is concentrated.	Stimulants, Opium, External heat.
Acid,— Carbolic, Creosote, Guaiacol.	Alcohol. Dogs, evacuate stomach. Sodium or Magnesium Sulphates; Lime-water, Soap; Demulcents, Avoid Oil and Glycerine.	Atropine, Opium, Stimulants, External heat, Artificial respiration.

Poison.	*Chemical and Mechanical.*	*Physiological.*
Acid—Carbonic		Fresh air, friction and heat to extremities. Artificial respiration.
Acid—Hydrocyanic (also the Cyanides)	Mixture of Ferrous and Ferric Sulphate with Sodium or Potassium, Hydroxide or Carbonate, or Magnesia. Evacuate stomach if time. Potassium Permanganate, Demulcents.	Cold douches. Ammonia or Chloride of Lime inhalations. Artificial respiration. Stimulants.
Acid—Oxalic.	Lime in any form. Magnesia. Demulcents.	Stimulants, Opium, External heat.
Aconite.	Tannic Acid or Animal Charcoal. Dogs, wash out stomach.	Digitalis, Stimulants. Dogs, artificial respiration.
Alcohol, Ethyl.	Evacuate stomach.	Ammonia inhalations. Atropine, Digitalis, Electricity.

Poison.	*Chemical and Mechanical.*	*Physiological.*
Alcohol. Methyl.	Evacuate stomach.	Pilocarpine Hydrochlorate. Atropine. Digitalis.
Alkalies— Ammonia, Caustic Potash, Caustic Soda, Lime.	Dilute Acids, such as Citric or Tartaric, Vinegar, Milk, Oil.	Stimulants, Opium. For Ammonia, Aconite, Digitalis.
Alkaloids.	Tannic Acid, Charcoal, Iodine, Albumin.	Keep up circulation and respiration.
Anasthetics. Chloroform.	Horse, artificial respiration, Atropine.	Dogs. Artificial respiration. Atropine. Inhalations of Ammonia. Fresh air.
Arsenic. Arsenous Acid, Fowler's Solution. Paris Green. "Rough on Rats."	Evacuate stomach. Iron with Magnesia. Dialyzed Iron. Demulcents. Castor Oil.	Stimulants. Opium if necessary. Spt. Nitrous Ether.
Barium Chloride.	Evacuate stomach. Mg. Sulphate Albumin.	Atropine. Ether hypodermically.

Poison.	*Chemical and Mechanical.*	*Physiological.*
Belladonna. Hyoscyamus. Stramonium.	Tannic Acid. Dogs, evacuate stomach.	Opium. Pilocarpine. Artificial respiration. Stimulants when necessary.
Cannabis-American or Indian Hemp.	Evacuate stomach in dogs. Tannic Acid.	Stimulants.
Chloral.	Dogs. Evacuate stomach. Liquor Potassae Dil.	Artificial respiration. Ammonia inhalations. Strychnine. Atropine. Stimulants.
Cocaine.	Horses. Give Morphine Chloral Hydrate. Stimulants in later stages of poisoning.	Dogs. Chloroform. Morphine. Artificial respiration. Stimulants in later stages.
Copper Sulphate.	Potassium Ferrocyanide. Albumin or Milk Demulcents.	Opium or Stimulants as indicated.
Croton Oil.	Dogs. Evacuate stomach. Demulcents to all animals.	Opium. Stimulants.

Poison.	*Chemical and Mechanical.*	*Physiological.*
Digitalis.	Tannic Acid. Magnesium Sulphate.	Aconite. Alcohol.
Food—Poisonous.	Tannic Acid. Castor Oil. Antiseptics. Dogs. Evacuate stomach.	Stimulants. Atropine.
Gaseous Poisons.	Fresh air. Stimulants.	Oxygen. Rest.
Gelsemium.	Tannic Acid. Evacuate stomach. Castor Oil.	Morphine. Atropine. Stimulants. Artificial respirations.
Iodine and its compounds.	Starch or flour with water. Demulcents.	Stimulants. Morphine.
Lead and its compounds.	Magnesium or Sodium Sulphate. Alum. Evacuate stomach. Demulcents.	Stimulants. Opium if necessary.
Mercury and its compounds.	Albumin (white of egg) large doses. Evacuate stomach in dogs.	Stimulants. Opium.

Poison.	*Chemical and Mechanical.*	*Physiological.*
Nitro-glycerine.	Emetics in dogs. Cathartics.	Atropine. Ergot. Strychnine.
NUX VOMICA. Strychnine. Brucine.	Charcoal. Tannic Acid. Potassium Permanganate. Apomorphine to small animals.	Artificial respiration. Chloroform for convulsions. Bromides, Chloral, Morphine.
OPIUM. Laudanum. Paregoric. Morphine. Codeine. Heroine.	Potassium Permanganate. Tannic Acid. Evacuate stomach in small animals.	Atropine. Strychnine. Coffee. Caffeine. Tinct. Capsicum. Artificial respiration.
Phosphorus.	Copper Sulphate. Old Oil of Turpentine. Magnesium Sulphate.	Opium. Oxygen inhalations.
Silver Compounds.	Sodium Chloride. Dogs. Emetics. Demulcents. Milk.	Opium. Stimulants if necessary.

Poison.	*Chemical and Mechanical.*	*Physiological.*
Stropanthus.	Tannic Acid. Salines.	Chloroform or Ether inhalations. Chloral or Bromides.
Tobacco.	Tannic Acid. Emetics.	Strychnine.
Zinc Compounds.	Tannic Acid. Emetics. Bicarb. Soda. Albumin. Lime water. Milk.	Morphine. Ether.

EFFECTS OF THE EXPOSURE OF CHEMICALS TO LIGHT AND AIR.

Acidum Hydrocyanicum undergoes decomposition, depositing a black precipitate which may be prevented by the addition of a little hydrochloric acid.

Acidum Nitrohydrochloricum decomposes, losing chlornitrous acid; it should be kept only in small quantity, in partly filled bottles in a dark place.

Acidum Sulphuricum rapidly absorbs moisture.

Acidum Sulphurosum oxidizes to sulphuric acid.

Ammonii Carbonas loses NH_3 and CO_2 and becomes bicarbonate.

Apomorphinæ Hydrochloras turns green, indicating partial decomposition.

Aqua Chlori decomposes with formation of hydrochloric acid and oxygen.

Calx Chlorata loses chlorine, absorbing CO_2.

Calx Sulphurata loses sulphuretted hydrogen, changing to sulphate.

Chloral as well as Camphor are slowly volatilized.

Iodides or bromides of arsenic, ammonium, iron, mercury (ous and ic), sodium, strontium, sulphur, and zinc, lose iodine or bromine, respectively.

Magnesia (calcined) absorbs CO_2 and becomes carbonate.

Magnesii Sulphis oxidizes to sulphate.

Morphinæ Acetas loses acetic acid.

Napthalinum slowly volatilizes.

Oleatum Hydrargyri, U. S. P., deposits metallic mercury.

Physostigmine salts turn red.

Potassa Sulphurata forms carbonate, hyposulphite, and sulphate.

Resorcin becomes colored.

Silver salts are all decomposed by light in presence of organic matter.

Sodii Bisulphis loses sulphurous acid.

Santoninum turns yellow on exposure to light.

Zinci Acetas loses water and acetic acid.

Zinci Phosphidum oxidizes, losing phosphorus.

FREEZING MIXTURES.

If the liquids employed be first cooled, a greater diminution of temperature will take place.

On Mixing:—	The temperature is lowered. From	To
1 pt. each of Ammonium Nitrate and Water	+10°	—15°C.
8 pts. powd. Glauber's Salt and 5 pts. Hydrochloric Acid	+10°	—17°C.
2 pts. Snow and 1 pt. Salt	0°	—21°C.
1 pt. each Ammonium Chloride, Potassium Nitrate and Water	+10°	—25°C.
9 pts Sodium Phosphate and 4 pts. Dil. Nitric Acid	+10°	—29°C.
1 pt. Snow and 1 pt. Dil. Sulphuric Acid	— 7°	—50°C.
7 pts. Snow and 10 pts. cryst. Calcium Chloride	0°	—55°C.
A mixture of Ether and solidified Carbon Dioxide	...	—110°C.
Pictet's Fluid (liquefied mixture of SO_2 and CO_2),	...	—200°C.

TABLE OF SPECIFIC GRAVITIES, U. S. P.

Temperature, 15° C., 59° F., unless otherwise specified.

Acidum Aceticum	1.048
Acidum Aceticum Dilutum	1.008
Acidum Aceticum Glaciale	1.058
Acidum Hydrobromicum Dilutum	1.077
Acidum Hydrochloricum	1.163
Acidum Hydrochloricum Dilutum	1.050
Acidum Hypophosphorosum Dilutum	1.046
Acidum Lacticum, about	1.213
Acidum Nitricum, about	1.414
Acidum Nitricum Dilutum, about	1.057
Acidum Oleicum, about	0.900
Acidum Phosphoricum, not below	1.710
Acidum Phosphoricum Dilutum, about	1.057
Acidum Sulphuricum, not below	1.835
Acidum Sulphuricum Aromaticum, about	0.939
Acidum Sulphuricum Dilutum, about	1.070
Acidum Sulphurosum, not less than	1.035
Adeps	0.932
Aether	0.725 to .728
Aether Aceticus	0.893 to 0.895
Alcohol, about	0.820
Alcohol Absolutum, not higher than	0.797
Alcohol Deodoratum, about	0.816
Alcohol Dilutum. at 15° C., about	0.936
Alcohol Dilutum, at 15.6° C., about	0.937
Alcohol Dilutum, at 25° C., about	0.930
Amylis Nitris	0.870 to 0.880
Aqua Ammoniæ	0.960
Aqua Ammoniæ Fortior	0.901
Aqua Hydrogenii Dioxidi, about	1.006 to 1.012
Balsamum Peruvianum	1.135 to 1.150
Benzinum	0.670 to 0.675
Bromum	2.990
Camphora	0.995

Carbonei Disulphidum	1.268 to 1.269
Cera Alba	0.965 to 0.075
Cera Flava	0.955 to 0.967
Cetaceum, about	0.945
Chloroformum, at 15° C., not below	1.490
Chloroformum, at 25° C., not below	1.473
Copaiba	0.940 to 0.990
Creosotum, not below	1.070
Eucalyptol	0.930
Fel Bovis	1.018 to 1.028
Glycerinum, not less than	1.250
Hydrargyrum	13.5584
Iodoformum	2.000
Iodum, at 17° C.	4.948
Liquor Ferri Acetatis, about	1.160
Liquor Ferri Chloridi, about	1.387
Liquor Ferri Citratis, about	1.250
Liquor Ferri Nitratis, about	1.050
Liquor Ferri Subsulphatis, about	1.550
Liquor Ferri Tersulphatis, about	1.320
Liquor Hydrargyri Nitratis, about	2.100
Liquor Plumbi Subacetatis, about	1.195
Liquor Sodæ, about	1.059
Liquor Potassæ, about	1.036
Liquor Sodæ Chloratæ, about	1.052
Liquor Sodii Silicatis	1.300 to 1.400
Liquor Zinci Chloridi, about	1.535
Mel.	1.375
Methyl Salicylas	1.183 to 1.185
Oleum Adipis	0.910 to 0.920
Oleum Aethereum	0.910
Oleum Amygdalæ Amaræ	1.060 to 1.070
Oleum Amygdalæ Expressum	0.915 to 0.920
Oleum Anisi, about (17°C.)	0.980 to 0.990
Oleum Aurantii Corticis, about	0.850
Oelum Aurantii Florum	0.875 to 0.890
Oleum Bergamottæ	0.880 to 0.885
Oleum Cadinum, about	0.990
Oleum Cajuputi	0.922 to 0.929

Oleum Cari	0.910 to 0.920
Oleum Caryophylli	1.060 to 1.067
Oleum Chenopodii, about	0.970
Oleum Cinnamomi	1.055 to 1.065
Oleum Copaibæ	0.890 to 0.910
Oleum Coriandri	0.870 to 0.885
Oleum Cubebæ, about	0.920
Oleum Erigerontis, about	0.850
Oleum Eucalypti	0.915 to 0.925
Oleum Fœniculi, not less than	0.960
Oleum Gaultheriæ	1.175 to 1.185
Oleum Gossypii Seminis	0.920 to 0.930
Oleum Hedeomæ	0.930 to 0.940
Oleum Juniperi	0.850 to 0.890
Oleum Lavandulæ Florum	0.885 to 0.897
Oleum Limonis	0.858 to 0.859
Oleum Lini	0.930 to 0.940
Oleum Menthæ Piperitæ	0.900 to 0.920
Oleum Menthæ Viridis	0.930 to 0.940
Oleum Morrhuæ	0.920 to 0.925
Oleum Myrciæ	0.975 to 0.990
Oleum Myristicæ	0.870 to 0.900
Oleum Olivæ	0.915 to 0.918
Oleum Picis Liquidæ, about	0.970
Oleum Pimentæ	1.045 to 1.055
Oleum Ricini	0.950 to 0.970
Oleum Rosæ	0.886 to 0.880
Oleum Rosmarini	0.895 to 0.915
Oleum Sabinæ	0.910 to 0.940
Oleum Santali	0.970 to 0.978
Oleum Sassafras	1.070 to 1.090
Oleum Sesami	0.919 to 0.923
Oleum Sinapis Volatile	1.018 to 1.029
Oleum Terebinthinæ	0.885 to 0.870
Oleum Terebinthinæ Rectificatium	0.855 to 0.865
Oleum Theobromatis	0.970 to 0.980
Oleum Thymi	0.900 to 0.930
Oleum Tiglii	0.940 to 0.960
Perolatum Liquidum	0.875 to 0.945

Petrolatum Molle at 60° C., (140° F.)....0.820 to 0.840
Petrolatum Spissum, at 60° C (140° F.)..0.820 to 0.850
Phosphorus, at 10° C. (50° F.).....1.830
Resina .....1.070 to 1.080
Spiritus Aetheris Nitrosi, about..... .820
Spiritus Ammoniæ, about.....0.810
Spiritus Ammoniæ Aromaticus.....0.905
Spiritus Frumenti.....0.917 to 0.930
Spiritus Glycerylis Nitratis.....0.826 to 0.832
Spiritus Vini Gallici.....0.925 to 0.941
Syrupus, about.....1.317
Syrupus Acidi Hydriodici, about.....1.313
Terebenum, about.....0.862
Thymol (as solid).....1.069
Tinctura Ferri Chloridi, about.....0.960
Vinum Album, at 15.6° C., not less than.....0.990
Vinum Album, not more than.....1.010
Vinum Rubrum, at 15.6° C., not less than.....0.989
Vinum Rubrum, not more than.....1.010
Zincum, cast 6.900, rolled.....7.200

DROPS IN A FLUIDRACHM.

A Table Showing the Number of Drops in a Fluidrachm, also the Weight of one Fluidrachm in Grains and Grammes for each of the Preparations Named.

Name.	Drops in Fluidrachm, 60 Min.	Weight of Fluidrachm.	
		In Grains.	In Gms.
Acetum Opii	90	61	3.95
Scillæ	68	57	3.69
Acidum Aceticum	108	58	3.75
Aceticum Dilutum	68	55	3.56
Carbolicum	111	59	3.82
Hydrochloricum	70	65	4.21
Dilutum	60	56	3.62
Hydrocyanicum Dilutum	60	54	3.49
Lacticum	111	66	4.25
Nitricum	102	77	4.98
Dilutum	60	58	3.62
Nitrohydrochloricum	76	66	4.27
Phosphoricum Dilutum	59	57	3.69
Sulphuricum	128	101	6.54
Aromaticum	146	53	3.43
Dilutum	60	58.5	3.79
Sulphurosum	59	55	3.56
Æther	178	39	2.52
Alcohol	146	44	2.85
Dilutum	137	49	3.17
Aqua	60	55	3.56
Ammoniæ Fortior	66	50	3.24
Destillata	60	53.5	3.46
Balsamum Peruvianum	101	60	3.88
Bromum	250	165	10.69
Chloroformum	250	80	5.18
Copaiba	110	51	3.30
Creosotum	122	56.5	3.66
Fluidextractum	156	57	3.69
Cimicifugæ	147	48	3.11
Cinchonæ	138	58	3.75
Colchici Radicis	160	37	3.69
Seminis	158	55	3.56
Digitalis	134	62	4.01
Gelsemii	149	49	3.14
Hyoscyami	160	59	3.82

Name.	Drops in Fluidrachm, 60 Min.	Weight of Fluidrachm.	
		In Grains.	In Gms.
Ipecacuanhæ	120	60	3.88
Pareiræ	140	51	3.72
Rhei	158	61	3.95
Sarsaparillæ Compositum	134	60	3.88
Senegæ	137	62	4.01
Serpentariæ	148	47	3.07
Uvæ Ursi	137	60	3.88
Valerianæ	150	49	3.17
Veratri Viridis	150	50	3.24
Zingiberis	142	48	3.11
Glycerinum	67	68	4.40
Liquor Acidi Arsenosi	57	55	3.56
Ammonii Acetatis	75	56	3.62
Arseni et Hydrargyri Iodidi	58	55	3.56
Ferri Citratis	71	72	4.66
Nitratis	59	59	3.82
Subsulphatis	73	83	5.37
Tersulphatis	83	72	4.66
Liquor Hydrargyri Nitratis	131	123	7.97
Iodi Compositus	63	59	3.82
Potassæ	62	58	3.75
Potassii Arsenitis	57	55	3.56
Sodæ Chloratæ	63	62	4.01
Zinci Chloridi	89	88	5.70
Oleoresina Aspidii	130	52	3.36
Capsici	120	51	3.30
Cubebæ	123	52	3.36
Oleum Æethereum	125	50	3.24
Amygdalæ Amaræ	115	55	3.56
Expressum	108	48.5	3.14
Anisi	119	54	3.49
Bergamottæ	130	46	2.98
Cari	132	50	3.24
Caryophylli	130	57	3.69
Cinnamomi	126	53.5	3.46
Copaibæ	123	49.5	3.20
Cubebæ	125	51	3.30
Fœniculi	125	53	3.43
Gaultheriæ	125	62	4.01
Juniperi	148	49	3.17
Lavandulæ Florum	138	52	3.36
Limonis	1.29	47	3.04
Menthæ Piperitæ	129	50	3.24
Ricini	77	51.5	3.33

Name.	Drops in Fluidrachm, 60 Min.	Weight of Fluidrachm.	
		In Grains.	In Gms.
Rosæ	132	47	3.04
Rosmarini	143	50	3.24
Sassafras	133	58	3.75
Terebinthinæ	136	45.5	2.94
Tiglii	104	50	3.24
Spiritus Ætheris Compositus	148	45	2.91
Ætheris Nitrosi	146	47	3.04
Ammoniæ Aromaticus	142	48	3.11
Chloroformi	150	48	3.11
Menthæ Piperitæ	142	47	3.04
Syrupus	65	72	4.66
Ferri Iodidi	65	77	4.98
Tinctura Aconiti	146	46	2.98
Belladonnæ Foliorum	137	53	3.43
Cantharidis	131	51	3.33
Cinchonæ Composita	140	49	3.17
Digitalis	128	53	3.43
Ferri Chloridi	150	53	3.43
Iodi	148	47	3.04
Nucis Vomicæ	140	44	2.85
Opii	130	53	3.43
Camphorata	130	52	3.36
Deodorati	110	54	3.49
Valerianæ	130	52	3.36
Veratri Viridis	145	46	2.98
Zingiberis	144	46	2.98
Vinum Colchici Radicis	107	55	3.56
Colchici Seminis	111	54	3.49
Opii	100	55	3.56

TABLE OF THERMOMETRY.

Comparison Between the Centigrade and Fahrenheit's Thermometrical Scales.

Cent.	Fahr.	Cent.	Fahr.	Cent.	Fahr.
°	°	°	°	°	°
10.0	50.0	31.0	87.8	39.4	103.0
11.0	51.8	31.6	89.0	40.0	104.0
12.0	53.6	32.0	89.6	40.5	104.9
13.0	55.4	32.2	90.0	41.0	105.8
14.0	57.2	32.7	91.0	41.1	106.0
15.0	59.0	33.0	91.4	41.6	107.0
16.0	60.8	33.3	92.0	42.0	107.6
17.0	62.6	33.8	93.0	42.2	108.0
18.0	64.4	34.0	93.2	42.7	109.0
19.0	66.2	34.4	94.0	43.0	109.4
20.0	68.0	35.0	95.0	43.3	110.0
21.0	69.8	35.5	96.0	43.8	111.0
22.0	71.6	36.0	96.8	44.0	111.2
23.0	73.4	36.1	97.0	44.4	112.0
24.0	75.2	36.6	98.0	45.0	113.0
25.0	77.0	37.0	98.6	46.0	114.8
26.0	78.8	37.2	99.0	47.0	116.6
27.0	80.6	37.7	100.0	48.0	118.4
28.0	82.4	38.0	100.4	49.0	120.2
29.0	84.2	38.3	101.0	50.0	122.0
30.0	86.0	38.8	102.0		
30.5	87.0	39.0	102.2		

To convert the degrees of Centigrade into those of Fahrenheit, multiply by 9, divide by 5, and add 32.

Fahrenheit degrees minus 32, multiplied by 5, and divided by 9, equal Centigrade.

AVERAGE TEMPERATURES OF THE HEALTHY BODY.

Registered at the Rectum.

Animal.	Average.
	°
Horses	38.0 C. 100.4 F.
Cattle	38.5 C. 101.3 F.
Sheep and Goats	39.4 C. 103.0 F.
Pigs	39.2 C. 102.6 F.
Dogs	38.5 C. 101.3 F.
Cats	38.0 C. 100.4 F.
Rabbits	38.25 C. 100.85 F.
Elephants	36.4 C. 97.6 F.
Camels	37.5 C. 99.5 F.

TABLE OF UTERO-GESTATION.

Animal.	Average Period.	Early Period for Young to Live.	Late Period.
Mares	335-345 days (11-11⅓ *mos.*)	307 days (10 *months*)	365 days (12 *months*)
Cows	275-287 days (39-41 *weeks*)	242 days (34½ *weeks*)	312 days (44⅓ *weeks*)
Sheep and Goats	149-151 days (21-21½ *weeks*)	140 days (20 *weeks*)	160 days (23 *weeks*)
Sows	112-119 days (16-17 *weeks*)	105 days (15 *weeks*)	126 days (18 *weeks*)
Bitches	63 days (9 *weeks*)	55 days (8 *weeks*)	70 days (10 *weeks*)
Cats	55 days (8 *weeks*)	50 days	64 days
Rabbits	28-30 days (4 *weeks*)		

THE FOLLOWING ARE SOME OF THE IMPORTANT DRUGS THAT ARE USED HYPODERMICALLY.

	Horse.
Aconitine	.0162- .0648
Apomorphine sulphate	.00162-.0162
Atropine sulphate	0.032-0.048
Caffein	2.00-8.00
*Chloral hydrate (intravenous)	16.0-32.00
Cocaine muriate	.0648-.1948
Colchicine	.0162-.0324
Digitalin *	.0081-.0162
Ergotin	.1296-.2593
Eserine Sulphate	.0648-.095
Hyoscyamine Sulphate	.0081-.0324
Morphine sulphas	.0648-.3888
Nitroglycerine	.0648-.1396
Pilocarpine muriate	.0648-.1944
Strychnine sulphate	.0162-.0648

	Ox.
Aconitine	.00648-.0216
Apomorphine Hydrochlorate	
Atropine sulphate	0.032-0.040
Caffein	4.00-10.00
*Chloral hydrate (intravenous)	32.00-48.00
Cocaine muriate	.0648-.3240
Colchicine	.0324-.0648
Digitalin	.0129-.0216
Ergotin	.2592-.5184
Eserine sulphate	.0648-.1944
Hyoscyamine sulphate	.0162-.021
Morphine sulphate	.1944-.6480
Nitroglycerine	.0648
Pilocarpine muriate	.6048-.3240
Strychnine sulphate	.0324-.0648

Chloral hydrate should never be administered sub-cutaneously!

	Dog.
Aconitine	.00064
Apomorphine Hydroch	.00259-.00648
Atropine sulphate	.00064
Caffein	.0648-.1944
*Chloral hydrate (intravenous)	.1296-1.63
Cocaine muriate	.0064-.0162
Colchicine	.0012-.00216
Digitalin	.00064
Ergotin	.0064-.0162
Eserine sulphate	.00064
Hyoscyamine sulphate	.00064
Morphine sulphate	.0081-.0324
Nitroglycerine	.0016-.0032
Pilocarpine muriate	.0064-.0162
Strychnine sulphate	.00064-.00129

VETERINARY POSOLOGY.

In the following pages the doses are given as nearly as possible as the minimum and maximum for the adult animals.

The table below will assist in regulating the dosage for the younger animals.

I.—Horses.

From 3 years and upwards	=1	part.
" 1½-3 years	=½	"
" 9–18 months	=¼	"
" 4½–9 months	=⅛	"
" 1–4½ months	=1–16	"

II.—Cattle.

From 2 years and upwards	=1	part.
" 1–2 years	=½	"
" ½–1 year	=¼	"
" 3–6 months	=⅛	"
" 1–3 months	=1–16	"

III.—Sheep.

From 2 years and upwards	=1	part.
" 1–2 years	=½	"
" ½–1 year	=¼	"
" 3–6 months	=⅛	"
" 1–3 months	=1–16	"

IV.—Pigs.

From 1½ years and upwards	=1	part.
" 9–18 months	=½	"
" 4½-9 months	=¼	"
" 2½–4½ months	=1–9	"
" 1–2 months	=1–18	"

V.—Dogs.

From ½–1 year	=1	part.
" 3–6 months	=½	"
" 1¼–3 months	=¼	"
" 20–45 days	=⅛	"
" 10–20 days	=1–16	"

Unless otherwise indicated, all doses are to be given via mouth.

The following abbreviations are used:

H.—Horse. C.—Cattle. D.—Dogs. P.—Pigs. S.—Sheep.

Acetanilide (Antifebrin).

H. 8-15.; C. 15-25; P. 0.5; D. 0.2-0.5.
Action: Antipyretic, analgesic and antiseptic.

Acid Hydrochloric (Dilute).

H. 8-15.; C. 15-25.; P. 0.5-1.0.; D. 0.2-0.5.
Action: Astringent, tonic, antiseptic.

Acid Acetic (Dilute).

Doses: H. 30-60.; D. 1-2.
Action: Refrigerant and diuretic.

Acid Nitric (Dilute).

Doses: H. 10-30.; C. 20-60.; S. & P. 1-2; D. 2.0-0.5.
Action: Tonic, hepatic stimulant.

Acid Phosphoric.

Doses: H. 8-30.; D. 0.5-2.0.
Action: Nerve tonic, antiphosphatic, aphrodisiac and antifebrile.

Acid Tartaric.

Doses: H. 30-60.; D. 0.5-2.0.
Action: Refrigerant and purgative.

Acid Sulphuric (Dilute).

Doses: H. 10-30.; C. 30-100.; P. 2-8.; S. 4-8.; D. 0.2-1.0.
Action: Astringent, antiseptic and tonic

Acid Sulphuric Aromatic.

Doses: H. 10-30.; C. 30-100.; P. 2-8.; S. 4-15.; D. 0.2-2.0.
Action: Astringent, antiseptic and tonic

Aconite. Tincture (U. S. P.)

Doses: H. 0.6-2.0.; C. 1-4.; D. 0.01-0.1.
Action: Cardiac depressant, local anaesthetic.

Aconite. Tincture (Fleming).

Doses: One-half that of the U. S. P. tincture.
Action: Cardiac depressant, local anaesthetic.

Adeps (Lard).

Action: Vehicle for ointments.

Adeps lanae hydrosus. (Lanolin.)

Action: Vehicle for ointments.

Aether.

Doses: H. 30-60.; C. 60-90.; S. & P. 10-15.; D. 1-4.
Action: Anaesthetic, antispasmodic, anodyne, stimulant.

Aethyl chloridum (Ethyl chloride).

Action: Local anaesthetic in a spray.

Alcohol.

Doses: H. 30-60.; C. 30-90.; S. 15.; D. 0.8-4.
Action: Stimulant, sedative, diaphoretic, diuretic, tonic.

Aloe barbadensis (Barbadoes aloes.)

Doses: H. 15-30.; C. 30-60.; S. 15.; D. 0.2-0.6.
Action: Purgative, bitter tonic.

Aloin.

Doses: H. 8-10.; D. 0.2-0.6.
Action: Purgative.

Alumen (Alum).

Doses: H. 4-12.; C. 10-20.; S. & P. 0.8-2.0.; D. 0.1-1.0.
Action: Astringent, styptic

Ammonia aqua. (10 per cent.)

Doses: H. 8-16.; C. 16-32.; S. & P. 4-8.; D. 0.3-1.0.
Action: Rubefacient, gastric and general stimulant.

Ammonia aqua fortior. (28 per cent.)

Dosees: H. 4.0-8.0.; C. 8-16.; S. & P. 2-4.; D. 0.2-0.8.
Action: Stimulant, antacid and vesicant.

Ammonia, Aromatic Spirits.

Doses: H. 15-50; C. 30-60; S. & P. 4-8; D. 0.5-3.0.
Action: Carminative, cardiac, respiratory and general stimulants.

Ammonium Carbonas.

Doses: H. 4-12.; C. 5-20.; S. & P. 1-3.; D. 0.1-0.6.
Action: Cardiac, stimulant, antacid.

Ammonium Chloride.

Doses: H. 4-8.; C. 10-25.; S. 4-8.; D. 0.1-1.0.
Action: Cardiac, expectorant, stimulant, diaphoretic, diuretic.

Ammonium Iodide.

Doses: H. 5-15.; C. 10-15.; D. 0.2-0.8.
Action: Gland stimulant.

Ammonium Acetate, Liquor.

Doses: H. 60-150.; C. 100-240.; D. 5-15.
Action: Diaphoretic, diuretic, expectorant, stomachic, antipyretic.

Ammonium Benzoate.

Doses: H 10-30.; C. 15-30.; D. 0.2-2.0.
Action: Expectorant; to dissolve stones of bladder.

Ammonium Phosphate.

Doses: D. 0.2-1.2.
Action: Used in gout; uric acid calculi.

Amyl Nitrite.

Doses: H. (Per Os.) 0.8-2.0.; (Hypoder.) 0.4-1.0.; (Inhal.) 2-4.; D. (Per Os.) 0.05-0.2.; (Inhal.) 0.1-0.5.
Action: Cardiac stimulant, nerve sedative.

Anthemis (Chamomile).

Doses: H. 32-64.; C. 30-90.; D. 1-2.
Action: Stomachic, tonic.

Antimonii et potassi tartras (Tartar emetic).

Doses: H. (Expec.) 5-10.; C. (Rum.) 10-15.; D. (Emet.) 0.1-0.3.
Action: Sedative expectorant, vermifuge, emetic, diaphoretic.

Anise Seed (Pwd.)

Doses: H. 15-30.; C. 20-50; D. 0.5-1.0.
Action: Stomachic, carminative.

Antipyrinum. (Antipyrine.)

Doses: H. 2-4.; C. 5-10.; D. 0.8-1.0.
Action: Antipyretic, analgesic.

Apomorphine Hydrochloras.

Doses: D. (Per Os.) 0.02-0.1.; (Hypoder.) 0.008-0.01.
Action: Emetic.

Arnica Radix Extract.

Doses: H. 6-12.; D. 0.05-0.2.
Action: Antipyretic, diuretic, diaphoretic, stimulant, irritant.

Arnica Radix Extract Fluid.

Doses: H. 8-15.; D. 0.1-0.8.
Action: See the Extract.

Arnica Radix Tincture.

Doses: H. 15-60.; D. 0.4-0.8.
Action: See the Extract.

Arnica Florum. Tincture.

Doses: H. 16-32.; D. 0.32-0.65.
Action: Used mostly externally, stimulant.

Areca Nut.

Doses: H. 15-20.; D. (Small) 0.5-0.8.; (large) 1-4.
Action: Anthelmintic.

Arsenous Acid. (Arsenic.)

Doses: H. 0.1-0.5.; C. 0.2-0.5.; S. & P. 0.1-0.3.
Action: Tonic, alterative and caustic.

Arsenic Iodide.

Doses: Same as the arsenic.
Action: Alterative, nerve tonic, antiperiodic.

Arsenic. (Fowler's Solution.)

Doses: H. 10-30.; C. 15-30.; S. & P. 2-5.; D. 0.1-0.6.
Action: Alterative, tonic.

Arsenic. (Donovan's Solution.)

Doses: Same as Fowler's Solution.
Action: Ditto.

Argentum Nitras. (Silver Nitrate.)

Doses: H. & C. 0.1-0.5.; S. 0.1-0.2.; P. 0.05-0.1.; D. 0.02-0.05.
Action: Tonic, astringent, caustic.

Artemesia Absinthe.

Doses: H. 5-10.
Action: Anthelmintic.

Asafoetida. (Gum.)

Doses: H. 10-20.; C. 20.; S. 4.; D. 0.3-1.0.
Action: Antispasmodic, stomachic, vermifuge.

Asafoetida Tincture.

Doses: H. 15-30.; C. 60.; D. 1-2.
Action: Same as the gum.

Asclepias. (Pleurisy-root.)

Doses: H. 16-24.; C. 24-32.; D. 2-8.
Action: Carminative, diaphoretic, expectorant.

Atropina (Atropine sulphate.)

Doses: H. 0.03-0.06.; D. 0.001-0.002.
Action: Anodyne, mydriatic (1 to 5 per cent.), delirifacient.

Balsamum Peruvianum. (Balsam of Peru.)

Doses: D. 0.65-2.0.
Action: Used in cystitis. Externally in ointments.

Balsamum Tolutanum. (Balsam of Tolu.)

Doses: D. 0.65-2.0.
Action: Expectorant, stomachic, externally in skin diseases.

Barium Chloridum. (Barium Chloride.)

Doses: H. (Per Os.) 2-4.; (Intraven.) 0.8-1.0. Never used sub-cutaneously.
Action: Purgative.

Belladonnae Folia. (Belladonna Leaves.)

Doses: H. 16-64 ; C. 32-96.; D. 0.1-0.5.
Action: Anodyne, mydriatic.

Belladonnae Extract.

Doses: H. 1-2.; C. 2-8.; D. 0.01-0.1.; S. 0.1-0.5.
Action: Antispasmodic, anodyne.

Belladonnae Folia Fluid Extract.

Doses: H. 4-8.; C. 5-10.; P. 0.1-0.6.; D. 0.1-0.4.
Action: Antispasmodic, anodyne.

Belladonnae Radicis Fluid Extract.

Doses: H. 4-8.; C. 8-12.; D. 0.03-0.2.
Action: Antispasmodic, anodyne, mydriatic, dessicant.

Benzoin.

Doses: (Tct.) H. 30-45.; C. 60-90.; S. 20-30.; D. 5-10.
Action: Stimulant. expectorant, antiseptic.

Benzoic Acid.

Doses: H. & C. 4-30.; D. 0.2-0.6 (Large) 2.
Action: Antiseptic to the bladder.

Bismuthi Subcarbonas.

Doses: H. 2.00-8.00.; C. 8.00.; D. 0.32-1.0.
Action: Internal antiseptic, astringent

Bismuthi Subnitras.

Doses: H. 2-20.; C. 8-22.; D. 0.32-1.0.
Action: Internal antiseptic, astringent.

Boric Acid.

Doses: H. & C. 10-20.; S. 5-10.; Foals 1-2.; D. 0.5-10.
Action: Antiseptic.

Bromide Potassium.

Doses: H. 15-30.; C. 30-60.; D. 0.5-2.0.; S. 1-2.
Action: Sedative.

Bromide Sodium.

Doses: Same as bromide potassium.
Action: Sedative.

Bromide Lithium.

Doses: Same as bromide potassium.
Action: Hypnotic, antispasmodic, alterative.

Bromide Ammonium.

Doses: Same as bromide potassium
Action: Antispasmodic, alterative, anaphrodisiac.

Buchu Folia Fluid Extract.

Doses: H. 30-60.; C. 60-90.; D. 0.5-2.0.
Action: Tonic, astringent, diuretic.

Buckthorn Syrup.

Doses: D. 30-60.
Action: Laxative.

Caffeine Citrate.

Doses: H. & C. 1.0-4.0; D. 0.1-0.5.
Action: Cardiac and brain stimulant, diuretic.

Calabar Bean.

See physostigmine.

Calcium Bromidum.

Doses: H. 8-16.; C. 16-24.; D. 0.65-1.32.
Action: Depressant.

Calcium Carbonas.

Doses: H. 30-60.; C. 60-120.; S. 10-20.; P. 4-8.; D. 0.5-1.0.
Action: Astringent, antiseptic.

Calcium Hypophosphis.

Doses: H. 4.-12.; C. 4-20.; D. 0.065-0.32.
Action: Alterative.

Calcium Phosphas.

Doses: H. 4-8.; C. 8-15.; S. 0.5-1.0.; D. 0.3-0.8.
Action: Tonic to nervous system and bone nutrient.

Calx Chlorata. (Chlorinated lime.)

Doses: H. 4-8.; C. 8-15.; S. 4.00.; D. 0.1-0.5.
Action: Disinfectant, deodorant.

Calumba. (Calumbo.)

Doses: H. 16-32.; C. 15-60.; S. 0.32-1.32.
Action: Stomachic, tonic.

Camphora. (Camphor.)

Doses: H. 4-8.; C. 8-15.; S. 0.8-2.0.; P. 0.8-2.0.; D. 0.1-0.5.
Action: Stimulant, anodyne, antiseptic, antispasmodic.

Camphora Aqua.

Doses: H. 30-60.; D. 2-10.
Action: Antispasmodic, anodyne.

Camphora Spiritus.

Doses: H. 10-30.; C. 20-40.; D. 0.5-1.0.
Action: Stimulant, anodyne, antispasmodic.

Camphora Monobromata.

Doses: D. 0.1-1.5.
Action: Antispasmodic, anodyne, antiseptic, diaphoretic.

Cannabis Indica Extract.

Doses: H. 2-4.; C. 5-10.; S. 1-2.; D. 0.05-0.1.
Action: Anodyne, antispasmodic.

Cannabis Indica Fluid Extract.

Doses: H. 10-30.; C. 15-40.; D. 0.1-1.0.
Action: Antispasmodic, anodyne.

Cannabis Indica Tincture.

Dose: D. 0.5-1.5.
Action: Anodyne, hypnotic, antispasmodic.

Cantharis (Spanish Flies.)

Doses: H. 0.18-0.36; C. 0.32-1.32.; D. 0.016-0.12.
Action: Aphrodisiac, diuretic, vesicant.

Cantharis Tincture.

Doses: H. 5-15.; C. 10-20.; S. 2-4.; D. 0.5-0.8.
Action: Aphrodisiac, diuretic, vesicant.

Capsicum (Cayenne pepper.)

Doses: H. 0.65-1.32.; C. 1.32-2.65.; D. 0.06-0.12.
Action: Stomachic, stimulant to bile, carminative.

Capsicum Tincture.

Doses: H. 10-40.; C. 30-90.; D. 0.5-2.0.
Action: Stomachic, stimulant, carminative.

Capsicum Fluid Extract.

Doses: H. 6-15; D. 0.1-1.0.
Action: Stomachic, stimulant, carminative.

Carbo Animalis (Animal Charcoal.)

Doses: Ad lib.
Action: Absorbent, used in drying powders.

Carbo Ligni. (Wood Charcoal.)

Doses: H. 16-32.; C. 32-64.; D. 1.0-2.65.
Action: Disinfectant, internal antiseptic, deodorizer.

Carbolic Acid.

Doses: H. & C. 2-5.; S. 0.5-0.8.; D. 0.1-0.5.
Action: Antiseptic, antiferment.

Cascara Sagrada. (Powder.)

Dose: D. 0.2-0.8.
Action: Laxative.

Cascara Sagrada Fluid Extract.

Dose: D. 2-10.
Action: Laxative.

Catechu.

Doses: H. 4-12.; C. 8-24.; D. 0.32-1.0.
Action: Astringent.

Cascarilla Cortex.

Doses: H. 10-30.; C. 20-40.; D. 0.5-1.0.; Calves 5-16.; P. 4-12.
Action: Stomachic, astringent, carminative.

Catechu Extract.

Doses: H. 5-20.; C. 20-30.; S. 10-15; P. 2-4.; D. 0.5-1.0.
Action: Astringent, tonic.

Catechu Tincture.

Doses: H. 20-60.; C. 30-80.; S. 2-4.; D. 0.5-2.0.
Action: Astringent, tonic.

Cera Alba (White wax.)

Used in making ointments.

Cera Flava (Yellow wax.)

Used in making ointments.

Ceratum Resini (Basilicon ointment.)

Used Externally

Chenopodium (American worm-seed.)

See Oleum Chenopodium.

Chloral (Chloral Hydrate.)

Doses: H. 15-60.; C. 20-60.; S. & P. 2-8.; D. 0.4-1.0.
Action: Analgesic, antiseptic, hypnotic.

Chloroformum (Chloroform.)

Doses: (Per Os.) H. 30-60.; C. 30-90.; S. & P. 15-30.; D. 0.2-0.8. (Inhalation) H. 60-500.; D. 15-30.
Action: Anæsthetic, anodyne, antispasmodic.

Chloroformum Aqua.

Dose: D. 10-30.
Action: Anodyne, antispasmodic.

Chloroformum Emulsion.

Dose: D. 5-15.
Action: Anodyne, antispasmodic.

Chloroformum Spiritus.

Doses: H. 30.; C. 60.; S. & P. 10-30.; D. 2-8.
Action: Anodyne, antispasmodic.

Cimicifuga (Black snake root.)

Doses: H. 10-30.; D. 0.5-1.0.
Action: Heart stimulant, antirheumatic.

Cimicifuga Radix Fluid Extract.

Doses: H. 30-90.; D. 0.6-4.0.; C. 30-120.
Action: Antirheumatic, antispasmodic, cardiac, stimulant.

Cinchona Cortex.

Doses: H. 10-15.; C. 30-60.; S. & P. 5-10.; D. 1-2.
Action: Stomachic, antiperiodic, antipyretic.

Cinchona Extract.

Doses: H. 1-8.; D. 0.1-0.8.
Action: Antipyretic, stomachic.

Cinchona Tincture.

D oses: H. 30-60.; C. 60-120.; D. 4-8.
Action: Antiseptic, antiperiodic, antipyretic, bitter tonic.

Cinchona Fluid Extract.

Doses: H. 10-35.; C. 30-60.; D. 0.8-4.0.
Action: Antiseptic, antipyretic, stomachic.

Cinnamomum Cortex.

Doses: H. 15-30.; C. 20-60.; D. 2-4.
Action: Stomachic, carminative.

Coca Fluid Extract.

Doses: H. 30-60.; C. 60-90.; D. 0.2-2.0.
Action: Glandular and general stimulant.

Cocaine Hydrochloras. (Cocaine hydrochlorate.)

Used in 5 per cent. to 10 per cent. solution.
Action: Local anæsthetic.

Collodium (Collodion.)

Used externally to cover wounds.

Colchicum Radix Tincture.

Doses: H. 2-4.; C. 15-45.; D. 1.00-2.00.
Action: Diuretic, antirheumatic.

Colchicum Seminis Tincture.

Doses: H. 4-8.; C. 15-40.; D. 1-2.
Action: Diuretic, antirheumatic.

Colchicum Radix Fluid Extract.

Doses: H. 4-8.; C. 8-12.; S. & P. 0.5-2.0.; D. 0.05-0.8.
Action: Diuretic antirheumatic.

Colchicum Seminis. Fluid Extract.

Doses: H. 2-4.; C. 4-8.; D. 0.065-0.25.
Action: Diuretic, antirheumatic.

Colchicum Seminis.

Doses: H. 2-4.; C. 5-10.; S. 0.8-1.0.; D. & P. 0.2-0.5.
Action: Diuretic, antirheumatic.

Conium (Hemlock.)

Doses: H. 15-60.; C. 30-90.; D. 2-8.
Action: Antispasmodic, sedative.

Creolinum (Creolin.)

Doses: H. 8-32.; C. 30-60.; D. 0.5-1.5.; S. & P. 2-10.
Action: Disinfectant, antiseptic, parasiticide, vermifuge.

Creosotum (Creosote.)

Doses: H. 1-2.; C. 2-4.; S. & P. 0.5-1.0.; D. 0.05-0.1.
Action: Internal and external antiseptic.

Cupri Arsenitis (Copper arsenite.)

Dose: H. 0.1-0.5.
Action: Tonic, astringent.

Cupri Sulphas (Copper sulphate.)

Doses: (Tonic) H. 2-6.; C. 4-12.; S. 1-2.; P. 0.2-0.8.
(Emetic) D. 0.5-2.0.; P. 0.8-1.5.
Action: Emetic, tonic, astringent.

Digitalis Folia (Foxglove leaves.)

Doses: H. 1-2.; C. 2-4.; S. & P. 0.4-0.8.; D. 0.05-0.2.
Action: Cardiac stimulant, diuretic.

Digitalis Extract Fluid.

Doses: H 1-4.; C. 4-8.; D. 0.05-0.1.
Action: Cardiac stimulant, diuretic.

Digitalis Extract.

Doses: H. 0.8-2.0.; C. 2-4.; D. 0.05-0.2.
Action: Cardiac stimulant, diuretic.

Digitalis Tincutre.

Doses: H. 10-30.; C. 30-60.; D. 0.1-1.0.
Action: Cardiac stimulant, diuretic.

Digitalin.

Doses: H. 0.1-0.2.; C. 0.1-0.5.; D. 0.001-0.005.
Action: Cardiac stimulant, diuretic.

Elaterinum (Elaterinum.)

Doses: H. 0.03-0.13.; C. 0.13-0.18.; D. 0.003-0.006.
Action: Drastic purgative.

Epsom Salts.

See Magnesium sulphate.

Ergota (Ergot of rye.)

Doses: H. 15-30.; C. 30-90.; D. 2-4.
Action: Ecbolic.

Ergota Fluid Extract.

Doses: H. 20-40.; C. 30-60.; P. 2-8.; D. 2-6.
Action: Ecbolic.

Ergotin.

Doses: H. 5-10.; C. 10-15.; D. 0.5-2.0.
Action: Ecbolic.

Ergot Infusion.

Doses: H. 60-250.; C. 120-320.; D. 15-30.
Action: Ecbolic.

Ether Nitrous Spirits.

Doses: H. 15-40.; C. 30-90.; S. 10-15.; D. 1-4.
Action: Stimulant, diuretic.

Eucalyptus Oleum (Eucalyptus Oil.)

Doses: H. 2-8.; C. 5-15.; D. 0.2-0.6.
Action: Antiseptic, stimulant, counter-irritant.

Eucalyptol.

Doses: H. & C. 5-30.; D. 0.5-2.0.
Action: Internal antiseptic, irritant.

Exalgine.

Doses: D. 0.1 increase to 0.3 in ten days.
Action: Nerve sedative.

Ferri Arsenas (Iron arsenate.)

Doses: H. 0.06-0.09.; C. 0.09-0.2.; D. 0.006.
Action: Alterative, tonic.

Ferri Chloridum Tincture.

Doses: H. 10-30.; S. & P. 1-2.; C. 20-40.; D. 0.2-1.0.
Action: Tonic, astringent, styptic.

Ferri Carbonas Saccharatus.

Doses: H. 4-12.; C. 8-16.; S. & P. 0.4-0.8.; D. 0.2-0.8.
Action: Tonic, astringent.

Ferri Oxydum Hydratum.

Doses: H. 30-120.; C. 60-300.; D. 10-20.
Action: Antidote for arsenic poisoning. (Should be freshly made when used.)

Ferri Phosphas.

Doses: H. 4-10.; C. 4-12.; S. 1-2.; D. 0.5-0.8.; P. 0.5-1.0.
Action: Tonic to bones and blood.

Ferri Sulphas.

Doses: H. 2-4.; C. 4-8.; S. 0.8-2.0.; P. 0.5-1.0.; D. 0.2-0.8.
Action: Tonic, vermifuge.

Ferri Dialysatum.

Doses: H. 15-60.; D. 2-8.
Action: Tonic.

Ferri et Quinini Citras.

Dose: D. 0.2-0.5.
Action: Tonic.

Felix Mas (Male fern.)

Doses: H. 60-200.; C. 120-250.; D. 10-15.; S. 60-100.; cat 1-4.
Action: Anthelmintic.

Felix Mas Oleoresin.

Doses: H. 30.; D. 0.8-2.0.
Action: Anthelmintic.

Felix Mas Fluid Extract.

Doses: H. 15-30.; C. 20-40.; D. 1-4.
Action: Anthelmintic.

Galla Tincture. (Nut galls.)

Doses: H. 40-60.; C. 60-120.; D. 4-8.
Action: Astringent.

Gamboge.

Doses: C. 15-30.; S. 1-2.
Action: Drastic purgative.

Gelseminum Tincture.

Doses: H. 10-20.; C. 20-40.; D. 0.1-0.8-2.0.
Action: Nerve sedative, antispasmodic.

Gentiana. (Gentian root.)

Doses: H. 15-30.; C. 30-60.; S. 4-12.; P. 2-4.; D. 0.5-1.0.
Action: Bitter tonic.

Gentiana Fluid Extract.

Doses: H. 15-40.; C. 30-60.; S. 10-15.; P. 4-13.; D. 1-4.
Action: Bitter tonic.

Gentiana Tincture Comp.

Doses: H. 30-120.; D. 1-4.
Action: Bitter tonic.

Glauber Salts.

See Sodii Sulphas.

Glycerinum. (Glycerine.)

Doses: H. 30-60.; C. 120-250.; D. 1-4.
Action: Demulcent, evacuant, excipient.

Glycyrrhizae. (Licorice Root.)

Doses: H. 15-30.; C. 30-60.; D. 1-4.
Action: Expectorant, used in electuaries.

Guiacum Tincture.

Doses: H. 30-90.; C. 60-120.; D. 1-4.
Action: Diaphoretic, expectorant, alterative.

Gelsemium Fluid Extract.

Doses: H. 5-15.; C. 10-12.; D. 0.1-0.8.
Action: Nerve sedative, antispasmodic.

Hammelis Fluid Extract. (Witch-hazel.)

Dose: D. 2-8.
Action: Astringent, hemostatic, used externally.

Hydrargyri chloridum corrosivum. (Bichloride of mercury.)

Doses: H. 0.13-0.53.; C. 0.26-0.65; D. 0.00324-0.00648.
Action: Corrosive, disinfectant. Tonic. Alterative.

Hydrargyri chloridum mite. (Calomel.)

Doses: H. 4-8.; C. 0.65-4.0.; D. 0.065-0.10.; S. & P. 0.5-2.0.
Action: Cathartic, vermifuge, febrifuge, antiseptic.

Hydrargri cum creta. (Gray nowder.)

Doses: Foals 0.5-1.0.; D. 0.001-0.02.; P. 0.6-1.0.
Action: Alterative, laxative.

Hydrargyri iodidi rubrum.

Used externally as an absorbent, irritant.

Hydrargyri massa. (Blue mass.)

Dose: D. 0.1-1.0.
Action: Cholagogue, laxative, alterative.

Hydrastis. (Golden seal.)

Doses: H. 2-8.; C. 4-12.; D. 0.2-0.6.
Action: Vesicant, ecbolic.

Hydrastis Fluid Extract.

Doses: H. 10-30.; C. 30-60.; D. 0.2-2.0.; S. 5-10.
Action: Alterative, ecbolic.

Hydrastine Hydrochloras.

Doses: H. 2-15.; C. 10-20.; D. 0.06-0.5.
Action: Ecbolic.

Hyoscyamus Fluid Extract.

Doses: H. 10-30.; C. 10-35.; D. 0.2-1.0.
Action: Antispasmodic, anodyne.

Hyoscyamus Tincture.

Dose: D. 1-4.
Action: Antispasmodic, anodyne.

Hydrocyanic Acid. (Dilute.)

Doses: H. 1-8.; C. 3-10.; S. 0.8-1.0.; P. 0.1-0.4.; D. 0.05-0.2.
Action: Sedative.

Iodoformum. (Iodoform.)

Doses: H. 1-2.; C. 1-3.; D. 0.06-0.19.
Action: Antiseptic, used mostly externally.

Ipecacuanha. (Ipecac.)

Doses: H. 4-16.; C. 8-16.; D. 0.65-2.0.; P. 1.5-2.5.
Action: Expectorant, emetic.

Iodum. (Iodine.)

Doses: H. 1-4.; C. 2-6.; S. 0.9-2.0.; P. 0.5-1.0.; D. 0.1-0.8.
Action: Internally in diabetes, antiseptic, alterative, stimulant.

Jalapa. (Jalap.)

Dose: D. 2.00-8.00.
Action: Drastic purgative.

Juniper Berries.

Doses: H. 30-90.; C. 60-100.
Action: Stomachic, diuretic.

Kamala.

Doses: H. 30-60.; D. 5-10.
Action: Anthelmintic.

Kino.

Doses: H. 4-12.; C. 10-24.; D. 0.3-1.0.
Action: Astringent.

Kino Tincture.

Doses: H. 30-120.; C. 60-120.; S. & P. 4-8.; D. 0.6-2.0.
Action: Astringent internally.

Kousso.

Dose: D. 5-10.
Action: Anthelmintic.

Linimentum Ammoniae.

Solution ammonia one part; olive oil three parts.
For local use externally.

Linimentum Calcis.

Solution of lime one part and olive oil three parts.
Used locally externally.

Linimentum Camphorae.

Camphor one part; alcohol q. s.; olive oil 4 parts.
For external use.

Linimentum Chloroformi.

Chloroform 1 part; camphor liniment 1 part.
For local use.

Linimentum Saponis.

Used as vehicle for other liniments.

Linimentum saponis mollis.

Used externally as a vehicle.

Linimentum Terebinthinae.

Soft soap 2 parts; aqua dest. 2 parts; camphoræ 1 part; olei terebinthinæ 10 parts.
Used externally.

Linum. (Linseed-flaxseed.)

Doses: Ad lib.
Action: Nutrient and laxative.

Liquor ammonii acetatis.

Doses: H. 60-120.; C. 60-120.; D. 5-15.
Action: Diuretic, diaphoretic.

Liquor arsenii et hydrargyri iodidi (Donovan's Sol.)

Doses: See arsenic, Donovan's solution.

Liquor calcis. (Lime water.)

Doses: H. 60-150.; C. 120-200.; D. 5-15.
Action: Antacid.

Liquor ferri sub-sulphatis. (Monsel's solution.)

Doses: H. 4-8.; C. 4-12.; D. 0.32-0.65.
Action: Astringent, tonic.

Liquor ferri tersulphatis. (Sol. ferric sulphate.)

Doses: H. 4-8.; C. 4-12.; D. 0.32-0.65.
Action: Astringent, tonic.

Liquor iodi compositus. (Lugol's solution.)
Doses: H. 4-8.; C. 10-20.; D. 0.13-0.65.
Action: Internal antiseptic, alterative, absorbent.

Liquor Plumbi subacetatis. (Goulard's extract.)
Used externally.

Liquor potassi arsenitis. (Fowler's solution.)
Doses: See arsenic. Fowler's solution.

Liquor sodae chlorinatae. (Labarraque's solution.)
Doses: H. 5-15.; C. 5-20.; D. 0.65-1.32.
Action: Antiseptic, antacid, stimulant.

Liquor sodii arsenitis. (Pearson's solution.)
Doses: H. 5-15.; C. 10-30.; D. 0.13-0.65.
Action: Alterative, tonic.

Lobelia Tincture.
Dose: D. 2-4.
Action: Emetic, nauseant, expectorant.

Lobelia Fluid Extract.
Doses: H. 5-30.; C. 20-40.; D. 0.05-1.0.
Action: Emetic, nauseant, expectorant.

Lycopodium.
Used externally as a dusting powder.

Magnesii sulphas. (Epsom salts.)
Doses: H. 100-250.; C. 500-1000.; D. 5-20.; S. & P. 25-100.
Action: Hydragogue, cathartic, diuretic, febrifuge.

Marsh Mallow. (Althae Radix.)
Doses: Ad lib.
Action: Demulcent, used in powders.

Mel. (Honey.)
Doses: Ad lib.
Used as a vehicle in electuaries.

Menthae piperitae.

See oleum piperitæ.

Methyl chloridum. (Methyl chloride.)

Used as a local anæsthetic in form of spray.

Misturae cretae. (Chalk mixture.)

Doses: H. 30-120.; C. 60-200.; D. 5-10.
Action: Mechanical agent in diarrhœa.

Morphine sulphas.

Doses: H. 0.2-0.8.; C. 0.5-0.8.; D. 0.002-0.05.; S. 0.002-0.05.; (Anæsthetic) D. 0.002-0.2.
Action: Anodyne, anæsthetic, narcotic, analgesic.

Mucilago acacia.

Used as a vehicle.

Mucilago tragicanthae.

Doses: Ad lib.
Used as an excipient for other drugs.

Myrrha. (Gum.)

Doses: H. 8.00.; C. 8-16.; S. & P. 2-4.; D. 0.5-1.0.
Action: Antiseptic, deodorant, stimulant.

Myrrha Tincture.

Doses: H. & C. 10-25.; S. & P. 5-10.; D. 1-5.
Action: Antiseptic, deodorant, stimulant.

Naphthalin.

Doses: H. 4-12.; C. 10-15.; S. 0.5-1.0.; D. 0.1-1.0.
Action: Antiseptic, antiferment, expectorant.

Naphthol.

Doses: One-half that of Naphthalin.
Action: Antiseptic.

Nitroglycerin. (Glonoin.)

Doses: H. 0.05-0.1.; D. 0.001-0.002.
Action: Heart stimulant.

Nux vomica seminis.

Doses: H. 2-4.; C. 4-8.; S. 0.8-2.0.; D. 0.05-0.2.; P 0.8-1.0.
Action: Gastric tonic, nerve tonic, stimulant.

Nux vomica Extract.

Doses: H. 1-2.; C. 2-4.; S. 0.1-0.5.; P. 0.02-0.2; D. 0.008-0.1.
Action: General tonic.

Nux vomica fluid extract.

Doses: H. 2-4.; C. 4-8.; S. 0.8-2.0.; P. 0.5-1.0.; D. 0.02-0.2.
Action: Gastric and nerve tonic, stimulant.

Nux vomica tincture.

Doses: H. 10-30.; C. 15-30.; D. 0.3-1.3.
Action: Gastric and nerve tonic.

Oak Bark. (Quercus Cortex.)

Doses: H. 5-15.; C. 15-40.; D. 0.8-2.0.; S. & P. 2-8.
Action: Astringent, tonic.

Oleum adepis. (Lard oil.)

Doses: H. 250-500.; C. 500-1000.; D. 10-30.
Action: Laxative.

Oleum amygdalae amarae.

Doses: H. 0.65-2.00.; C. 2-4.; D. 0.065-0.13.
Action: Antiseptic and analgesic.

Oleum cadinum. (Oil of cade.)

Doses: H. 4-8.; C. 10-15.; D. 0.3-0.6.
Action: Antiseptic, diuretic.

Oleum camphorae. (Camphor oil).

Stimulant.

Oleum copaibae.

Doses: H. 10-15.; C. 15-30.; D. 0.65-2.0.
Action: Alterative, diuretic.

Oleum diptero carpi. (Wood oil.)

Dose: D. 0.65-2.00.
Action: Stimulant, diuretic, laxative.

Oleum gaultheria. (Oil wintergreen.)

Doses: H. 1.32-2.00.; C. 2.00-3.00.; D. 0.2-0.3.
Action: Internal antiseptic.

Oleum gossypii seminis. (Cotton seed oil.)

Doses: H. 250-500.; C. 500-1000.; D. 30-60.
Action: Laxative.

Oleum lini. (Linseed oil.)

Doses: H. 500-700.; C. 500-1000.; D. 20-60.
Action: Laxative.

Oleum menthae piperitae. (Peppermint oil.)

Doses: H. 1.00-2.00.; C. 1.00-2.00.; D. 0.18-0.32.
Action: Internal antiseptic, antiferment.

Oleum morrhuae. (Cod liver oil.)

Doses: H. 60-90.; C. 60-150.; D. 5-15.
Action: Nutrient, alterative.

Oleum Myricae. (Oil of bay.)

Used externally.

Oleum olivae.

Doses: H. 250-500.; C. 500-1000.; D. 30-60.
Action: Laxative, emollient.

Oleum picis liquidae. (Oil tar.)

Doses: H. 15-30.; C. 20-35.; D. 2.00-4.00.
Action: Expectorant and parasiticide.

Oleum ricini. (Castor oil.)

Doses: H. 250-500.; C. 500-1000.; D. 15-60.
Action: Laxative.

Oleum terebinthinae.

Doses: H. 15-60.; C. 30-60.; D. 0.5-2.0.; S. & P 5-10.
Action: Stimulant, alternative, diuretic, carminative, anthelmintic.

Oleum sabina. (Savine.)

Doses: H. 5-15.; C. 10-15.; D. 0.06-0.3.
Action: Anthelmintic.

Oleum theobromatis. (Butter cacao.)

Used for making suppositories.

Oleum tiglii. (Croton oil.)

Doses: H. 0.65-1.45.; C.2-8.; D.0.06-0.18.
Action: Drastic purgative.

Opium.

Doses: H. 2-8.; C. 6-12.; D. 0.05-0.8.; P. 0.2-0.8.
Action: Anodyne, antispasmodic, narcotic.

Opium Extract.

Doses: One-third less than the powdered opium.
Action: Anodyne, antispasmodic, narcotic.

Opium Tincture.

Doses: H. 30-60.; C. 30-90.; D. 0.2-2.0.; S. & P. 2-4.
Action: Anodyne, antispasmodic, narcotic.

Opium et ipecac. (Dover's powders.)

Doses: H. 5-10.; C. 10-20.; D. 0.2-0.8.; S. 2-4.
Action: Diaphoretic, expectorant.

Opium acetum.

Doses: Same as the tincture.
Action: Analgesic, hypnotic, antispasmodic.

Opium vinum.

Dose: Same as the tincture.
Action: Anodyne, antispasmodic, diaphoretic.

Pancreatinum. (Pancreatine.)

Dose: D. 0.32-1.00.
Action: Tonic to the digestive tract.

Pepo. (Pumpkin seed.)

Dose: D. 15-60.
Action: Anthelmintic.

Pepsinum. (Pepsin.)

Dose: D. 0.13-0.65.
Action: Tonic to the stomach with HCl.

Pepsinum saccharatum.

Dose: D. 0.65-2.65.
Action: Digestive tonic.

Petrolatum liquidum. (Liquid petroleum.)

Used as a vehicle for other drugs.

Petroleum molle. (Soft petroleum.)

Used in ointments.

Petroleum spissum. (Hard petroleum.)

Used in ointments.

Phenacetum. (Phenacetin.)

Doses: H. 3-9.; C. 5-10.; D. 0.2-1.0.
Action: Anodyne, antipyretic.

Phosphorus.

Doses: H. 0.05-0.3.; C. 0.1-0.5.; D. 0.002-0.016.
Action: Nerve stimulant and tonic.

Physostigminae Tincture.

Doses: H. 0.32-0.65.; C. 0.65-1.0.; D. 0.032-0.13.
Action: Nerve sedative, cathartic, myotic.

Physostigminae salicylas.

Doses: H. 0.065-0.13.; C. 0.1-0.2.; D. 0.0006-0.002.
Action: Cathartic.

Physostigminae sulphas.

Doses: Same as the salicyllate.
Action: Cathartic.

Phytolaccae radix.

Dose: D. 0.32-2.0.
Action: Purgative.

Phytolaccae radix fluid extract.

Doses: H. 10-30.; C. 20-60.; D. 0.2-2.0.; S. 4-9.; P. 1-4.
Action: Purgative, used also externally.

Philocarpus. (Jaborandi.)

Doses: H. 10-15.; C. 10-25.; D. 2-4.; S. & P. 2-6.
Action: Sialagogue, sudorific.

Pylocarpinae hydrochloras.

Doses: H. 0.1-0.3.; C. 0.2-0.4.; D. 0.008-0.016.
Action: Sialagogue, sudorific.

Pilocarpus fluid extract.

Doses: H. 10-25.; C. 15-35.; D.1-4.
Action: Sialagogue, sudorific.

Pix liquida. (Tar.)

Doses: H. 20-60.; C. 60-90.; D. 1.0-4.0.
Action: Antiseptic, deodorant, also used externally.

Plumbi acetas. (Sugar of lead.)

Doses: H. 2-4.; C. 4-8.; D. 0.06-0.12.
Action: Astringent, hemostatic.

Podophyllum. (May apple.)

Doses: H. 4-8.; C. 5-10.; D. 0.06-0.15.
Action: Hepatic stimulant, cathartic, emetic.

Potassi bicarbonas.

Doses: H. 10-25.; C. 15-30.; D. 0.2-1.0.; S. 2-4.; P 1-4.
Action: Antacid, stomachic, diuretic.

Potassi bitartras.

Doses: H. 60-120.; C. 60-120.; D. 1-3.
Action: Laxative, diuretic.

Potassi bromidum.

Dose and action: See bromide potassium.

Potassi chloras.

Doses: H. 2-16.; C. 10-20.; D. 0.32-1.
Action: Ferbifuge, antacid, antiseptic, diuretic.

Potassi et sodae tartras. (Rochelle salts.)

Doses: H. 250-500.; C. 500-1000.; D. 15-30.
Action: Laxative, diuretic.

Potassi iodidum.

Doses: H. 10-20.; C. 12-25.; D. 0.1-0.8.; S. & P. 0.8-2.0.
Action: Absorbent, diuretic.

Potassi nitras.

Doses: H. 5-30.; C. 30-90.; D. 0.5-0.1.
Action: Diuretic, refrigerant, ferbifuge.

Potassi permanganas.

Doses: H. 2-6.; C. 4-6.; D. 0.05-0.2.; P. 0.2-0.4.
Action: Antiseptic, disinfectant, deodorizer.

Potassi acetas.

Doses: H. 5-15.; C. 15-25.; S. & P. 1-4.; D. 0.1-1.0.
Action: Diuretic.

Potassi citras.

Doses: Same as the acetate.
Action: Diuretic, diaphoretic.

Potassi sulphas.

Doses: H. 10-30.; C. 15-40.; D. 0.2-2.0.; P. 1-4.
Action: Diuretic, hepatic stimulant.

Prunus virginiana. (Wild cherry.)

Dose: D. 1-4.
Action: Expectorant.

Quassia lignum infusion.

Doses: H. 120-180.; C. 150-200.; D. 2-10.
Action: Stomachic, tonic, parasiticide.

Quassia lignum extract.

Doses: H. 1-4.; D. 0.1-0.5.
Action: Tonic, stomachic.

Quassia fluid extract.

Doses: 15-30.; C. 30-60.; D. 0.2-2.0.
Action: Tonic, stomachic.

Quercus alba.

See oak bark.

Quinina. (Quinine.)

Doses: H. 1-2.; C. 2-4.; D. 0.2-0.6.
Action: Antipyretic, antiseptic.

Quinine hydrochloras.

Doses: H. 2-4.; C. 5-10.; D. 0.065.-0.65.
Action: Antipyretic, tonic.

Quinine sulphas.

Doses: Same as the hydrochlorate.
Action: Antipyretic, tonic.

Quinine hydrobromas.

Doses: Same as the hydrochlorate.
Action: Antiperiodic, tonic.

Resina. (Resin.)

Doses: H. 8-15.; C. 10-20.; D. 0.6-2.0.
Action: Stimulant, astringent, diuretic.

Resorcinum. (Resorcin.)

Dose: D. 0.065-0.05.
Action: Internal and external antiseptic.

Rhamnus purshiana. (Cascara sagrada.)

Doses: See cascara sagrada.
Action: Cathartic.

Rheum. (Rhubarb.)

Doses: H. 15-30.; C. 30-60.; D. 0.6-1.5.
Action: Stomachic, astringent, purgative.

Rheum fluid extract.

Dose: D. 0.8-12.0.
Action: Astringent, purgative.

Rheum aromatic tincture.

Doses: H. 30-60.; C. 60-90.; D. 2-4.; C. 15-30.
Action: Astringent, purgative.

Salicinum. (Salicin.)

Doses: H. 2-8.; C. 5-13.; D. 0.2-1.0.
Action: Internal antiseptic, anti-rheumatic.

Salicylic acid.

Doses: H. 10-20.: C. 15-30.; S. 4-8.; D. 0.4-1.0.; Goats 4-8.
Action: Antipyretic, anti-rheumatic, antiferment.

Salicylate soda.

Doses: Same as the salicylic acid.
Action: Antipyretic, anti-rheumatic, antiferment.

Salol.

Doses: H. 10-15.; C. 15-30.; D. 0.2-1.0.; S. 4-8.; P. 2-3.
Action: Antiseptic, anti-rheumatic.

Sanguinaria. (Blood root.)

Doses: H. 4-13.; C. 10-15.; D. 0.5-1.0.
Action: Expectorant, emetic.

Santoninum. (Santonin.)

Doses: H. 1.32-2.65.; D. 0.13-0.45.
Action: Anthelmintic.

Scilla. (Squills.)

Doses: H. 2-4.; C. 2-6.; D. 0.13-0.32.
Action: Stimulant, expectorant, emetic.

Serpentaria. (Virginia snake-root.)

Dose: D. 0.65-1.32.
Action: Stimulant, diuretic, tonic.

Sodii bicarbonas.

Doses: H. 15-120.; C. 15-120.; D. 0.5-2.50.
Action: Stomachic, diuretic.

Sodii boras. (Borax.)

Doses: H. 8-12.; C. 15-26.; D. 0.65-1.32.
Action: Antiseptic, used externally.

Sodium hypophosphate.

Doses: H. 10-30.; C. 15-35.; D. 0.6-1.5.
Action: Antiseptic, alterative.

Sodii hyposulphite.

Doses: H. 15-120.; C. 30-60.; D. 0.65-4.0.
Action: Antiferment, alterative.

Sodii carbonas.

Doses: H. 2-8.; C. 5-15.; D. 0.1-0.4.; P. 0.3-0.8.
Action: Antiferment.

Sodii nitras.

Doses: Same as the potassium nitras.
Action: Diuretic.

Sodii sulphas. (Glauber salts.)

Doses: H. 120-500.; C. 500-700.; D. 2-10.
Action: Laxative, diuretic.

Spiritus aetheris.

Doses: H. 30-60.; C. 60-130.; D. 1.0-4.0.
Action: Stimulant, anodyne, anæsthetic.

Spiritus aetheris comp. (Hoffman's anodyne.)

Doses: H. 5-15.; C. 10-25.; D. 0.32-4.0.
Action: Analgesic, stimulant.

Spiritus frumenti. (Whiskey.)

Doses: H. 30-150.; C. 150-300.; D. 5-15.
Action: Stimulant, diuretic, antispasmodic.

Spiritus vini gallici. (Brandy.)

Doses: H. 30-150.; C. 150-300.; D. 5-15.
Action: Stimulant, antispasmodic.

Staphisagris. (Staves acre.)

Doses: Used externally for lice, etc.

Stropanthus tincture.

Doses: H. 5-10.; C. 10-15.; D. 0.05-0.5.
Action: Cardiac tonic and stimulant.

Strychnina. (Strychnine.)

Doses: H. 0.032-0.65.; C. 0.065-0.18.; D. 0.00104-0.00302.
Action: Nerve stimulant, tonic and stomachic.

Strychnine sulphas.

Doses: Same as strychnina.
Action: Nerve stimulant, tonic and stomachic.

Sulphur precipitatum.

Doses: H. 10-120.; C. 15-180.; D. 0.05-15.; S. & P. 5-30.
Action: Laxative, alterative.

Syrupi acaciae.

Used as a vehicle.

Syrupi auranti.

Used as a vehicle.

Syrupi ipecacuanhae.

Dose: D. 0.32-8.0.
Action: Emetic, expectorant, cholagogue.

Syrupi pruni Virginianae.

Dose: D. 2-4.
Action: Expectorant.

Syrupi rhei.

Dose: D. 5-15.
Action: Stomachic, purgative.

Syrupi scillae.

Doses: H. 15-30.; D. 0.6-1.5.
Action: Expectorant.

Syrupi senegae.

Dose: D. 4-10.
Action: Stimulant, expectorant.

Syrupi tolutanus.

Dose: D. 15-30.
Action: Expectorant.

Syrupi zingiberis.

Dose: D. 2-10.
Action: Stomachic, carminative.

Tabacum. (Tobacco.)

Doses: H. 2-4.; C. 5-10.; D. 0.13-0.4.
Action: Stomachic, motor depressant.

Terpin hydrate.

Doses: H. 8-15.; C. 15-30.; D. 1-3.
Action: Internal antiseptic.

Terebinthinae.

Doses: H. 15-40.; C. 30-80.; D. 0.5-10.; S. 5-10.
Action: Anthelmintic, stimulant, styptic, diuretic.

Thymol.

Doses: H. 0.32-1.32.; C. 0.65-4.0.; D. 0.04-1.06.
Action: Diuretic, antiseptic, anthelmintic.

Tannic Acid.

Doses: H. 2-10.; C. 5-20.; D. 0.1-1.0.; S. & P. 1-5.
Action: Astringent.

Uva Ursi.

Doses: H. 15-30.; C. 20-40.; D. 1-3.
Action: Diuretic, astringent, disinfectant.

Veratrum Viride.

Doses: H. 2-4.; C. 2-6.; D. 0.1-0.2.
Action: Motor depressant.

Veratrum Viride Fluid Extract.

Doses: H. 1-4.; C. 2-6.; D. 0.1-0.4.
Action: Motor depressant.

Veratrum Viride Tincture.

Doses: H. 2-8.; C. 5-10.; D. 0.1-0.6.
Action: Motor depressant.

Viburnum Opulus. (Black haw.)

Doses: H. 30-120.; C. 60-120.; D. 1-2.
Action: Ecbolic.

Wild Cherry.

See prunus virgin.

Zinci Chloridum.

Used externally as a caustic.

Zinci Oxidum.

Doses: H. 2-12.; C. 5-15.; D. 0.065-0.40.
Action: Tonic, astringent.

Zinci Sulphas.

Doses: H. 2-12.; C. 5-15.; D. 0.065-0.18.
Action: Astringent, tonic, emetic.

Zingiber. (Ginger.)

Doses: H. 15-30.; C. 30-60.; D. 0.65-1.32.
Action: Tonic, stomachic, stimulant.

INCOMPATIBILITY.

Incompatibility is that condition produced by bringing together substances which result in (1) **chemical** decomposition, (2) **pharmaceutical** dissociation, or (3) **therapeutic** opposition.

CHEMICAL DECOMPOSITION.

That form of incompatibility where an alteration in the chemical composition of drugs takes place when they are mixed.

The most common forms of chemical incompatibility are:—

1. Precipitation of an insoluble salt, by adding one solution of a salt to another.

2. By decomposition of a salt in solution, containing a base united with a weak or volatile acid, by the addition of a stronger acid.

3. By precipitation of alkaloidal salts by adding, to their solutions, alkalies or salts, thus producing insoluble compounds. This is a dangerous form of incompatibility, as the alkaloidal salts of strychnine, morphine, etc., are poisonous and largely employed in medicine.

4. By unsightly discoloration and precipitation, produced by mixing ferric salts or their solutions with some form of tannin.

5. By decomposition of a solid substance in solution, without precipitation, by the formation of products which may or may not be soluble in the liquid.

PHARMACEUTICAL INCOMPATIBILITY.

This is that condition arising from the admixture of pharmaceutical preparations which causes physical dissociation of one or more of the constituents, but not a chemical change. This form is divided into two varieties, viz.:—

1. That resulting in the separation of active and important ingredients.

2. That resulting in the precipitation of inert constituents.

THERAPEUTIC INCOMPATIBILITY.

This is that form which consists of the union of drugs that are physiologically antagonistic; for instance, the administration of aconite and digitalis together or any combination of drugs that oppose each other in therapeutic actions.

RULES.

The following recognized rules will act as a guide to the practitioner:—

Soluble salts which can by mutual decomposition form an insoluble compound will undergo such decomposition when they meet in solution, and will precipitate, unless in some very rare instances in which a double salt is formed.

Soluble salts which are not capable of forming an insoluble salt never precipitate and rarely undergo decomposition when they meet in solution.

Mineral acids decompose salts of the weaker (carbonic, acetic, etc.) acids, and form ethers with alcohol and alcoholic preparations.

Alkalies precipitate the alkaloids and the soluble nonalkaline metallic salts.

Glucosides, such as santonin and glycyrrhizin, should not be prescribed with free acids or emulsin.

Tannic acid and all substances containing it are incompatible with alkaloids and drugs containing them, with albumin and gelatin, and with most soluble metallic salts used in medicine.

Iodine and **iodides** are incompatible with the alkaloids and the substances containing them, as well as with most soluble metallic salts. The **iodide of potassium** should always be prescribed

alone, or only in combination with corrosive sublimate (with which it forms a double salt), or with iodine itself.

Tinctures and other **alcoholic preparations** containing resin precipitate the latter when water is added.

Nitrate of silver should always be prescribed alone, or in combination with opium or extract of hyoscyamus only. Most vegetable extracts decompose it, and with creosote it is said to make an explosive compound.

Corrosive sublimate is incompatible with almost everything, and should be given in simple syrup; even the compound syrup of sarsaparilla is said to decompose it.

Syrup of squill, containing acetic acid, is incompatible with carbonate of ammonium, but not with the chloride.

Acetate and **subacetate of lead** are incompatible with almost everything, but are nevertheless frequently used in lotion with opium, the insoluble compound formed being therapeutically active.

Vegetable infusions are generally incompatible with metallic salts.

PRESCRIPTIONS.

Several of the following prescriptions will be found to contain incompatible substances, the object being in a number of instances to form new chemical compounds. Others have been highly recommended by veterinarians who have used them with apparently good results. Hence the reason for including them with the others.

Constipation in Horse.

℞

Sodii sulphatis ..... 180.00 ℥vi
Pulv. althaeæ ..... 180.00 ℥vi
Misce et fiat pulvis.

Sig:—Tablespoonful three times daily.

Cathartic for Horse.

℞

Sodii sulphatis ..... 300.00 ℥x
Aloes barbadensis ..... 20.00 ℥v
Aquæ quantum sufficiat ut fiat emulsio.

Sig:—Give at once.

Constipation in Cattle.

℞

Sodii sulphatis ..... 750.00 ℥xxv
Decocti lini ..... 300.00 ℥x
Misce et fiat emulsio.

Sig:—Give at once.

Constipation in Sheep.

℞

Sodii sulphatis ..... 240.00 ℥viii
Sodii chloridi ..... 60.00 ℥ii
Aquæ ..... 360.00 ℥xii
Misce ut fiat solutio.

Sig:—Give at once.

Carbolic acid poisoning in Dogs.

℞

Sodii sulphatis ..... 30.00 ℥i
Aquæ destillatæ ..... 150.00 ℥v
Misce ut fiat solutio.

Sig:—Give tablespoonful every ten minutes.

For Cattle—Cathartic.

℞

Sodii sulphatis ..... 480.00 ℥xvi
Sodii chloridi ..... 90.00 ℥iii
Pulv. zingiberis ..... 60.00 ℥ii
Aquæ ..... 750.00 ℥xxv
Misce ut fiat solutio.

Sig:—Give at once.

Urethral Catarrh.

℞

Zinci sulphatis ..... 30.00 ℥i
Aquæ destillatæ ..... 600.00 ℥xx
Misce ut fiat solutio.

Sig:—Use small quantity once daily as injection.

Horse—Bronchitis.

℞

Sulphuris sublimati ..... 30.00 ℥i
Antimonii sulphidi U.S.P. 1890. 30.00 ℥i
Sodii sulphatis ..... 300.00 ℥x
Pulv. glycyrrhizæ
Pulv. fæniculi .....aa 90.00 ℥iii
Misce et fiat pulv.

Sig:—Tablespoonful three times daily.

Catarrh of stomach—Horse.

℞

Sodii sulphatis ..... 150.00 ℥v
Sodii chloridi ..... 60.00 ℥ii
Pulv. lini ..... 240.00 ℥viii
Misce et fiat pulv.

Sig:—Tablespoonful on every feed.

Eye Wash for Animals.

℞

Sodii chloridi ..... 2.00 grxxx
Aquæ destillatæ ..... 90.00 ʒiii
Misce et fiat solutio.

Sig:—Use twice daily as an eye wash.

Liniment—External Application.

℞

Sodii chloridi ..... 60.00 ℥ii
Spiritus camphoræ .....aa
Tinct. Arnicæ ..... 120.00 ℥iv
Aquæ destillatæ ..... 300.00 ℥x
Misce. Fiat solutio.

Sig:—Apply twice daily.

Bronchitis of Horse.

℞

Ammonii chloridi ..... 30.00 ℥i
Pulv. glycyrrhizæ ..... 120.00 ℥iv
Pulv. anisi ..... 75.00 ℥iiss
Misce et fiat pulvis.

Sig:—Tablespoonful three times daily on feed.

Purgative for Dog.

℞

Magnesii sulphatis ..... 4.00 ʒi
Mellis ..... 60.00 ℥ii
Misce et fiat solutio.

Sig:—Give in two doses 12 hours apart.

Chronic Catarrh of the Respiratory Apparatus.

℞

Ammonii chloridi	60.00	ʒii
Antimonii et potassii tartratis..	90.00	ʒiii
Pulv. glycyrrhizæ	180.00	℥vi

Misce ut fiant chartulæ No. V.

Sig:—Give one powder every 24 hours.

Bronchial Catarrh of Pigs.

℞

Ammonii chloridi	10.00	ʒiiss
Sodii sulphatis	60.00	ʒii
Pulv. glycyrrhizæ	45.00	℥iss

Misce et fiant chartulæ No. V.

Sig:—Give one powder every 12 hours.

Bronchial Catarrh of Dogs.

℞

Ammonii chloridi	10.00	ʒiiss
Fluidext. glycyrrhizæ	60.00	ʒii
Syrupi	90.00	℥iii

Misce et fiat solutio.

Sig:—Give teaspoonful every six hours.

Constipation of Pigs.

℞

Magnesii sulphatis	30.00	℥i
Syrupi	60.00	ʒii

Misce et fiat solutio.

Sig:—Give at once.

For External Hemorrhage.

℞

Aluminis	6.00	ʒiss
Pulv. quercus	30.00	℥i

Misce et fiat pulvis.

Sig:—Use on wounds as strew powder.

Diarrhea of Dogs.

℞

Argenti nitratis	00.10	griss
Glycerini	10.00	ʒiiss
Aquæ destillatæ	150.00	℥v

Misce et fiat solutio.

Sig:—Give tablespoonful every three hours.

Burrows Solution.

℞

Aluminis	.	ʒiss
Plumbi acetatis	10.00	ʒiiss
Affuæ destillatæ	240.00	℥viii

Misce ut fiat mistura.

Sig:—Use externally.

Conjunctivitis.

℞

Aluminis	6.00	ʒiss
Aquæ destillatæ	300.00	℥x

Misce ut fiat solutio.

Sig:—Use with eye dropper twice or threee times daily.

Diarrhea of Horse.

℞

Aluminis	30.00	℥i
Plumbi acetatis	6.00	ʒiss
Aquæ	240.00	℥viii

Misce et fiat mistura.

Sig:—Give 2 ounces every 6 hours.

Weeping Eczema.

℞

Argenti nitratis	4.00	ʒi
Aquæ destillatæ	60.00	℥ii

Misce et fiat solutio.

Sig:—Apply once daily.

For Ulcerated Stomach of Horse or Dog.

℞

Argenti nitratis ..... 00.50 grvii
Kaolini ..... 20.00 ʒv
Aquæ q. s.
Fiant pilulæ No. X (for horse)
Fiant pilulæ No. XXX (for dog)

Sig:—Give one pill daily.

Constipation of Cow.

℞

Magnesii sulphatis ..... 500.00 ℥xvi
Pulv. gentianæ ..... 30.00 ℥i
Pulv. aloes barbadensis..... 10.00 ʒiiss
Aquæ ..... 750.00 Oiss
Misce et fiat emulsio.

Sig:—Give at once.

Wash for Conjunctivitis.

℞

Zinci sulphatis ..... 1.00 grxv
Aquæ destillatæ ..... 90.00 ℥iii
Misce et fiat solutio.

Sig:—Use twice daily with eye dropper.

Uterine Wash.

℞

Zinci sulphatis ..... 30.00 ℥i
Aquæ destillatæ ..... 600.00 ℥xx
Misce et fiat solutio.

Sig:—Use with syringe.

Emetic for Pigs.

℞

Zinci sulphatis ..... 1.00 grxv
Sacchari ..... 6.00 ʒiss
Misce et fiat pulvis.

Sig:—Give at once.

Caustic.

℞

Cupri sulphatis ..... 30.00 ℥i
Cretæ preparatæ ..... 15.00 ℥ss
Misce et fiat pulvis.

Sig:—Apply as strew powder for excessive granulation.

Villate's Solution.

℞

Cupri sulphatis 0.06 gr-1
Zinci sulphatis ..... 60.00 ℥ii
Acidi Acetici diluti.....1050.00 ℥xxxv
Liquor plumbi subacetatis..... 120.00 ℥iv
Misce et fiat solutio.

Sig:—Use as injection for fistulæ, etc.

Tape Worms—Dog.

℞

Cupri oxidi 0.06grj
Amyli ..... 2.00 ʒss
Misce et fiant chartulæ No. 3.

Sig:—One powder. daily.

Emetic for Pigs.

℞

Cupri sulphatis ..... 1.00 grxv
Sacchari ..... 6.00 ʒiss
Misce et fiat pulvis.

Sig:—Give at once.

Epilepsy of Dogs.

℞

Zinci oxidi ..... 3.00 grxlv
Sacchari ..... 30.00 ℥i
Misce et fiant chartulæ No. XX.

Sig:—Give one powder every 8 hours.

Airol Paste.

℞

Bismuthi subgallatis
Glycerini
Acaciæ .....aa 4.00 ʒi
Boli Armeniæ ..... 15.00 ʒiv
Misce.

Sig:—Apply to wound surface.

Gastric Catarrh of Dogs.

℞

Bismuthi subnitratis
Sacchari .....aa 4.00 ʒi
Misce et fiant chartulæ No. X.

Sig:—Give one powder every 8 hours.

White Lotion.

℞

Plumbi acetatis ..... 30.00 ℥i
Zinci sulphatis ..... 24.00 ʒvi
Aquæ destillatæ ..... 500.00 Oi
Misce et fiat mistura.

Sig:—Use externally.

Anemia of Horses.

℞

Ferri sulphatis ..... 30.00 ℥i
Sodii chloridi ..... 300.00 ℥x
Pulv. fructus juniperis P. G... 60.00 ℥ii
Misce et fiat pulvis.

Sig:—Give tablespoonful on each feed.

Lick for Sheep.

℞

Ferri sulphatis ..... 100.00 ℥iii
Sodii chloridi .....1000.00 ℥xxxii
Misce et fiat pulvis.

Sig:—Place where sheep can lick it.

Leukaemia of Dogs.

℞

Ferri reducti ..... 1.00 grxv
Sacchari ..... 6.00 ʒiss
Misce et fiant chartulæ No. XX.

Sig:—Give one powder daily.

Diarrhea of Horses.

℞

Ferri sulphatis ..... 15.00 ℥ss
Pulv. althaeæ ..... 90.00℥iii
Aquæ q. s. ft. electuarium.

Sig:—Give at once.

External—Caustic.

℞

Hydrargyri chloridi corrosivi.. 6.00 ʒiss
Alcohol ..... 60.00 ℥ii
Misce et fiat solutio.

Sig:—Apply for spavins, ring-bones, etc., every three days.

External Caustic.

℞

Hydrargyri chloridi corrosivi.. 3.00 grxlv
Collodii flexilis ..... 30.00 ℥i
Misce et fiat causticum.

Sig:—Apply every three days.

Eczema.

℞

Hydrargyri chloridi corrosivi.. 1.00 grxv
Unguenti ..... 90.00 ℥iii
Misce et fiat unguentum.

Sig:—Apply every three days.

Uterine Wash for Cattle.

℞

Hydrargyri chloridi corrosivi.. 0.20 griii
Aquæ destillatæ .....1000.00 Oii
Misce et fiat solutio.

Sig:—Inject with syringe and after about ten minutes wash out the part with warm water.

Blister.

℞

Hydrargyri iodidi rubri..... 4.00 ʒi
Petrolati ..... 30.00 ℥i
Misce et fiat unguentum.

Sig:—Apply every three days for ring-bone and spavins.

English Spavin Cure.

℞

Hydrargyri iodidi rubri..... 30.00 ℥i
Olei Tiglii ..... 2.00 ʒss
Petrolati ..... 120.00 ℥iv
Misce et fiat unguentum.

Sig:—Apply every four days.

Pigs—Purgative.

℞

Hydrargyri chloridi *mitis*..... 0.50 grvii
Sacchari ..... 1.00 grxv
Misce et fiat pulvis.

Sig:—Give at once.

Horse—Infectious Catarrh of Bowels.

℞

Hydrargyri chloridi *mitis*..... 6.00 ʒiss
Opii pulveris ..... 10.00 ʒiiss
Pulv. althaeæ ..... 60.00 ℥ii
Aquæ q. s. fiat elect.

Sig:—Give in two doses 8 hours apart.

Intestinal Antiseptic—Dog.

℞

Hydrargyri chloridi *mitis*..... 0.20 griii
Sacchari ..... 2.00 ʒss
Misce et fiant chartulæ No. VI.

Sig:—Give one powder every 8 hours.

Horse—Influenza.

℞

Hydrargyri chloridi *mitis*..... 4.00 ʒi
Pulv. althaeæ ..... 15.00 ℥ss
Aquæ q. s. fiat elect.

Sig:—Give at once.

Conjunctivitis, Chronic.

℞

Hydrargyri chloridi *mitis*..... 8.00 ʒii
Acidi borici ..... 10.00 ʒiiss
Misce et fiat pulv.

Sig:—Use once daily, blowing small quantity into the eye.

Horse—Ascarides.

℞

Arseni Trioxidi ..... 0.60 grx
Santonini ..... 1.00 grxv
Aloes barbadensis ..... 30.00 ℥i
Pulv. althaeæ
Aquæ aa q. s.
Fiat bolus

Sig:—Give at once.

Dog—Catarrhal Pneumonia.

℞

Antimonii et potassii tartratis.. 1.00 grxv
Sacchari ..... 10.00 ʒiiss
Misce et fiant chartulæ No. X.

Sig:—Give one powder every 12 hours.

Sheep Dip.

℞

Arseni Trioxidi		
Saponis mollis	aa	2.5 lb.
Potassii carbonatis		3.0 lbs.
Aquæ		40. gal.

Misce et fiat solutio.

Sig:—Use as a dip.

Horse—Expectorant—Influenza.

℞

Antimonii et potassii tartratis..		30.00 ʒi
Ammonii chloridi		20.00 ʒv
Pulv. fructus juniperis P. G....		90.00 ℥iii
Pulv. glycyrrhizæ		90.00 ℥iii

Misce et fiat pulvis.

Sig:—Give tablespoonful twice daily.

Cow—Galactagogue.

℞

Antimonii sulphidi U. S. P. 1890		
Sulphuris sublimati.....	aa	90.00 ℥iii
Pulv. fœniculi		
Pulv. anisi		
Pulv. fructus juniperis P. G.	aa	60.00 ℥ii
Sodii chloridi		300.00 ℥x

Misce et fiat pulvis.

Sig:—Give tablespoonful on each feed.

Foal—Rachitis.

℞

Syrupi calcii lactophosphatis...	240.00 ℥viii

Sig:—Give tablespoonful twice daily.

Dog—Rachitis.

℞

Syrupi calcii lactophosphatis...	120.00 ℥iv

Sig:—Give teaspoonful twice daily.

Dog—Catarrhal Pneumonia.

℞

Antimonii sulphidi U. S. P. 1890 ..... 1.50 grxxii
Sacchari ..... 2.00 ʒss
Misce et fiant chartulæ No. V.

Sig:—Give one powder twice daily.

Colts—Rachitis.

℞

Calcii phosphatis ..... 60.00 ʒii
Pulv. althaeæ .....
Glycerini .....aa q. s.
Fiant boli No. VI.

Sig:—Give one bolus daily.

Dog—Rachitis.

℞

Olei phosphorati U. S. P. 1890. 00.50 grvii
Olei olivæ ..... 60.00 ʒii
Misce et fiat mistura.

Sig:—Give teaspoonful once daily.

Disinfectant.

℞

Calcii chloridi ..... 500.00 1 pt.
Aquæ .....4000.00 1 gal.
Misce et fiat solutio.

Sig:—Use in form of spray for stables, etc.

Horse—Summer Mange.

℞

Sulphuris sublimati ..... 60.00 ʒii
Hydrargyri chloridi *mitis* ..... 6.00 ʒiss
Pulv. cantharidis..... 30.00 ʒi
Petrolati ..... 480.00 1 bl.
Misce et fiat unguentum.

Sig:—Apply externally every three days sufficient amount to cover surface.

Dog—Epilepsy.

℞

Sodii bromidi ..... 6.00 ʒiss
Sacchari ..... 4.00 ʒi
Misce et fiant chartulæ No. X.

Sig:—Give one powder daily.

Cattle—Actinomycosis.

℞

Potassii iodidi ..... 60.00 ℥ii
Aquæ ..... 600.00 ℥xx
Misce et fiat solutio.

Sig:—Give tablespoonful daily in pint of water.

Horse Diabetes Insipidus.

℞

Potassii iodidi ..... 10.00 ʒiiss
Iodi ..... 6.00 ʒiss
Aquæ ..... 500.00 pt. i
Misce et fiat solutio.

Sig:—Give tablespoonful twice daily in 2 ounces of water with syringe.

Dog—Mange.

℞

Sulphuris ..... 6.00 ʒiss
Saponis mollis ..... 15.00 ℥ss
Petrolati ..... 30.00 ℥i
Misce et fiat unguentum.

Sig:—Apply sufficient to cover surface diseased.

Cattle—Milk fever.

℞

Potassii iodidi ..... 10.00 ʒiiss
Aquæ destillatæ .....1000.00 ℈ii
Misce et fiat solutio.

Sig:—Divide into 4 parts and inject into each quarter of udder, if necessary repeat in 12 hours.

Texas Fever Dip.

℞

Sulphuris sublimati ..... 86 lbs.
Petrolei purificati ..... 30 bbl.
Misce.

Sig:—Use a dip.

Horse—Anaemia.

℞

Sulphuris sublimati ..... 60.00 ℥ii
Sodii chloridi ..... 600.00 ℥xx
Sodii bicarbonatis ..... 60.00 ℥ii
Misce et fiat pulvis.

Sig:—Give tablespoonful daily.

Cattle—Lead poisoning.

℞

Sulphuris sublimati ..... 30.00 ℥i
Potassii iodidi ..... 12.00 ʒiii
Misce et fiant chartulæ No. III.

Sig:—Give one powder daily.

Vienna Tar Liniment.

℞

Picis liquidæ
Sulphuris sublimati .....aa 90.00 ℥iii
Saponis mollis
Alcohol .....aa 180.00 ℥vi
Misce et fiat linimentum.

Sig:—Apply externally as indicated.

Cow—Metallic Poisoning.

℞

Potassii sulphatis ..... 15.00 ℥ss
Aloes barbadensis ..... 40.00 ʒx
Decoct. lini ..... 500.00 Oi
Misce et fiat mistura.

Sig:—Give at once.

Horse—Caustic.

℞

Acidi sulphurici	10.00	ʒiiss
Asbesti	30.00	℥i

Misce et fiat pasta.

Sig:—Apply externally.

Conjunctivitis.

℞

Acidi borici	6.00	ʒiss
Aquæ destillatæ	300	℥x

Misce et fiat solutio.

Sig:—Use twice daily with medicine dropper.

Wound.

℞

Acidi borici	30.00	℥i
Creolini	4.00	ʒi

Misce et fiat pulv.

Sig:—Use as strew powder.

Conjunctivitis.

℞

Cocainæ hydrochloratis	00.60	grx
Aquæ destillatæ	30.00	℥i

Misce et fiat collyrium.

Sig:—Use as eyewash.

Schleich's Local Anaesthetic.

℞

Cocainæ hydrochloratis	0.25	griv
Morphinæ hydrochloratis	0.050	grss
Sodii chloridi steril.....	0.25	griv
Aquæ destillatæ	90.00	℥iii
Acidi carbolici (5@).....	gtt.ii	

Misce et fiat solutio.

Sig:—Use as injection to infiltrate the tissues locally.

Cocaine Ointment.

℞

Cocainæ hydrochloratis ..... 0.50 grvii
Adipis ..... 10.00 ʒiiss
Misce et fiat unguentum.

Sig:—Apply as an ointment.

Cocaine for Diagnostic Injection.

℞

Cocainæ hydrochloratis ..... 0.2 griii
Aquæ destillatæ ..... 10.00 ʒiiss
Misce et fiat solutio.

Sig:—Use as injection.

Alopyn—Local Anaesthetic.

℞

Alopyni ..... 0.50 grvii
Aquæ distillatæ ..... 10.00 ʒiiss
Misce et fiat solutio.

Sig:—Use as subcutaneous injection.

Horse—Influenza.

℞

Acetanilidi ..... 75.00 ℥iiss
Pulv. althaeæ
Glycerini .....aa q. s.
Fiant boli No. III.

Sig:—Give one bolus every 8 hours.

Horse—Pneumonia.

℞

Acetanilidi ..... 90.00 ℥iii
Syrupi ..... 180.00 ℥vi
Misce.

Sig:—Give in three doses 12 hours apart.

Dog—Distemper.

℞

Acetanilidi ..... 0.50 grvii
Sacchari ..... 1.00 grxv
Misce et fiant chartulæ No V.

Sig:—Give 8 hours apart.

Wounds.

℞

Acetanilidi ..... 6.00 ʒiss
Pulv. quercix ..... 12.00 ʒiii
Misce et fiat pulv.

Sig:—Use as strew powder.

Horse—Septicaemia.

℞

Antipyrinæ ..... 15.00 ℥ss
Pulv. glycyrrhizæ ..... 30.00 ℥i
Aquæ .....aa q. s.
Fiat bolus.

Sig:—Give at once.

Dog—High Temperature—Enteritis.

℞

Acetphenetidini ..... 3.00 grxlv
Sacchari ..... 2.00 grxxx
Misce et fiant chartulæ No. X.

Sig:—Give one powder every 12 hours.

Dog Distemper.

℞

Acetphenetidini ..... 3.00 grxlv
Sacchari ..... 3.00 grxlv
Acaciæ ..... 2.00 grxxx
Misce et fiant chartulæ No. XVI.

Sig:—Give one powder every 12 hours.

Dog—Excessive Vomiting.

℞

Creosoti	0.50	grvii
Acaciæ	6.00	ʒiss
Aquæ destillatæ	150.00	℥v

Misce et fiat solutio.

Sig:—Give one tablespoonful every three hours.

Horse—Fetid Bronchitis.

℞

Creosoti	15.00	℥ss
Pulv. glycyrrhizæ	60.00	ʒii
Pulv. althaeæ		
Glycerini .....aa	q. s.	

Fiant boli No. III.

Sig:—Give one every 24 hours.

Horse—Mange.

℞

Creosoti	30.00	℥i
Alcohol	500.00	Oi

Misce et fiat solutio.

Sig:—Apply to diseased surface.

Dog—Demodex Mange.

℞

Creosoti	12.00	ʒiii
Alcohol	60.00	℥ii
Chloroformi	30.00	℥i

Misce et fiat solutio.

Sig:—Use sufficient amount to saturate area diseased.

Sheep—Stomach Worms.

℞

Creosoti	10.00	ʒiiss
Olei gossypi seminis.....	200.00	℥vii
Olei terebinthinæ	10.00	ʒiiss

Misce et fiat emulsio.

Sig:—Give tablespoonful every two hours.

Dog—Mange.

℞

Creosoti ..... 10.00 ʒiiss
Olei gossypi seminis..... 100.00 ℥iii
Alcohol ..... 150.00 ℥v
Misce et fiat mistura.

Sig:—Apply to diseased surface.

Chickens—Diphtheria.

℞

Creolini ..... 2.00 ʒss
Glycerini
Aquæ destillatæ .....aa 60.00 ℥ii
Misce et fiat solutio.

Sig:—Apply with a small brush to the mucous membrane.

Wound—Strew Powder.

℞

Napthaleni ..... 6.00 ʒiss
Acidi borici ..... 30.00 ℥i
Misce et fiat pulv.

Sig:—Use as strew powder.

Dog—Mange.

℞

Napthaleni ..... 6.00 ʒiss
Petrolati ..... 30.00 ℥i
Misce et fiat unguentum.

Sig:—Apply once daily.

Dog—Infectious Catarrh of Bowels.

℞

Napthaleni ..... 6.00 ʒiss
Sacchari ..... 12.00 ʒiii
Misce et fiant chartulæ No. XX.

Sig:—Give one powder every 12 hours.

Antiseptic for Wounds.

℞

Creolini ..... 10.00 ʒiiss
Aquæ destillatæ ..... 500.00 Oi
Misce et fiat emulsio.

Sig:—Apply to wound with syringe.

Dogs—Ottorhoea.

℞

Creolini ..... 4.00 ʒi
Alcohol ..... 300.00 ℥x
Misce et fiat solutio.

Sig:—Use on cotton swab. Follow after secretions are all removed with boric acid powder.

Dog—Mange.

℞

Creolini
Saponis mollis .....aa 60.00 ℥ii
Alcohol ..... 300.00 ℥x
Misce et fiat solutio.

Sig:—Apply once daily.

Dog—Emetic.

℞

Apomorphinæ hydrochloratis... 0.004 gr$^{1}/_{150}$
Aquæ destillatæ ..... 4.00 ʒi
Misce et fiat solutio.

Sig:—Inject subcutaneously.

Horse—Catarrh of Bowels.

℞

Creolini ..... 60.00 ℥ii
Ext. glycyrrhizæ ..... 90.00 ℥iii
Pulv. althaeæ .....
Glycerini .....aa q. s.
Fiant boli No. VI.

Sig:—Give one bolus daily.

Dog—Distemper.

℞

Creolini ..... miv
Ext. glycyrrhizæ.
Ceræ flavæ .....aa 4.00 ʒi
Misce et fiat massa e qua fiant pillulæ No. X.

Sig:—Give one pill every 6 hours.

Horse—Expectorant.

℞

Apomorphinæ hydrochloratis... 0.004 gr$^{1}/_{150}$
Aquæ destillatæ ..... 10.00 ʒiiss
Misce et fiat solutio.

Sig:—Inject subcutaneously.

Cat—Emetic.

℞

Apomorphinæ hydrochloratis... 0.001 gr$^{1}/_{60}$
Aquæ destillatæ ..... 4.00 ʒi
Misce et fiat solutio.

Sig:—Inject subcutaneously.

Cattle and Sheep—Licking Disease.

℞

Apomorphinæ hydrochloratis... 0.50 grviiss
Aquæ destillatæ ..... 30.00 ℥i
Misce et fiat solutio.

Sig:—Inject 5 c. c. subcutaneously once daily for cattle and for sheep, 2-5 c. c.

Horse—Diarrhea.

℞

Opii pulveris ..... 12.00 ʒiv
Pulv. althaeæ ..... 30.00 ℥i
Aquæ quant. suffic. fiat bolus.

Sig:—Give at once.

Dog—Infectious Catarrh of Bowels.

℞

Opii pulv.	0.2 griii
Hydrargyri chloridi *mitis*.....	0.1 griss
Sacchari	0.5 grvii

Misce et fiat pulv.

Sig:—Give at one dose.

Horse—Colic.

℞

Morphinæ sulphatis	0.40 grvi
Aquæ destillatæ	10.00 ʒiiss

Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Dog—Bronchitis and Laryngitis.

℞

Morphinæ hydrochloratis	0.10 griss
Aquæ amygdalæ amaræ.....	10.00 ʒiiss

Misce et fiat solutio.

Sig:—Give 10 drops three times daily.

Dog—Bronchitis and Cough.

℞

Codeinæ hydrochloratis	0.30 grv
Syrupi althaeæ	10.00 ʒiiss
Aquæ destillatæ	150.00 ℥v

Misce et fiat solutio.

Sig:—Give teaspoonful every 3 hours.

Dog—Distemper.

℞

Morphinæ hydrochloratis	0.2 griii
Apomorphinæ hydrochloratis ..	0.05 grss
Acidi hydrochlorici	1.00 grxv
Aquæ destillatæ	240.00 ℥viii

Misce et fiat solutio.

Sig:—Give teaspoonful every 4 hours.

Eye—Solution for Examination.

℞

Atrophinæ sulphatis ..... 0.06 gri
Aquæ destillatæ ..... 10.00 ʒiiss
Misce et fiat solutio.

Use 15-20 drops in each eye.

Horse—Antidote for Morphine and Eserine Poisoning.

℞

Atropinæ sulphatis ..... 0.20 griii
Aquæ destillatæ ..... 10.00 ʒiiss
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Horse—Purgative.

℞

Physostigminæ sulphatis ..... 0.06 gri
Aquæ destillatæ ..... 10.00 ʒiiss
Misce et fiat solutio.

Sig:—Give at once as subcutaneous injection.

Horse—Purgative.

℞

Physostigminæ sulphatis ..... 0.03 grss
Pilocarpinæ sulphatis ..... 0.20 griii
Aquæ destillatæ ..... 10.00 ʒiiss
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Horse—Purgative.

℞

Barii chloridi ..... 0.60 grx
Aquæ destillatæ ..... 10.00 ʒiiss
Misce et fiat solutio.

Sig:—Give at once intravenously. Care should be taken to prevent it diffusing into the tissues around the vein when the needle is withdrawn.

Horse—Purgative.

℞

Barii chloridi ..... 8.00 ʒii
Acaciæ ..... 10.00 ʒiiss
Aquæ destillatæ ..... 10.00 ʒiiss
Misce et fiat emulsio.

Sig:—Give at once with syringe via. mouth.

Myotic.

℞

Physostigminæ sulphatis ..... 0.10 grii
Aquæ destillatæ ..... 10.00 ʒiiss
Misce et fiat solutio.

Sig:—Use 10-15 drops in each eye every 4 hours.

Cattle—Chronic Indigestion.

℞

Nicotianæ tabaci foliæ
Sodii sulphatis
Sodii chloridi .....aa 240.00 ℥viii
Misce et fiat pulv.

Sig:—Give tablespoonful on each feed.

Cattle—Purgative.

℞

Nicotianæ tabaci foliæ..... 60.00 ʒii
Sodii sulphatis ..... 360.00 ℥xii
Aquæ ..... 500.00 Oi
Misce et fiat mist.

Sig:—Give at once as drench.

Eye—Local anaesthetic.

℞

Cocainæ hydrochloratis ..... 0.30 grv
Acidi borici ..... 1.00 grxv
Aquæ destillatæ ..... 30.00 ʒi
Misce et fiat solutio.

Sig:—Use few drops in eye every 2 hours.

Sheep—Dip for Ticks.

℞

Acidi carbolici crudi U. S. P. 1890 ..... 1.5kg 3 lbs.
Potassii carbonatis ..... 1 kg 2 lbs.
Saponis mollis ..... 3 kg 6 lbs.
Nicotianæ tabaci. foliæ..... 15 kg 30 lbs.
Aquæ .....500 L. 125 gals.
Misce et fiat decoctum.

Sig:—Use as a dip.

Horse—Hearts Weakness—Pneumonia.

℞

Fluid extracti Digitalis..... 16.00 ʒiv
Potassii iodidi ..... 4.00 ʒi
Aquæ destillatæ ..... 30.00 ℥i
Misce et fiat solutio.

Sig:—Give at once.

Horse—Chest Plague—Pneumonia.

℞

Pulv. Digitalis ..... 12.00 ʒiii
Vini rubri ..... 300.00 ℥x
Misce et fiat mist.

Sig:—Give at once.

Horse—Valvular Insufficiency.

℞

Pulv. Digitalis ..... 10.00 ʒiiss
Potassii iodidi ..... 2.00 ʒss
Aquæ ..... 60.00 ℥ii

Sig:—Give in two doses 12 hours apart.

Dog—Ascites.

℞

Pilocarpinæ hydrochloratis .... 0.10 grii
Aquæ destillatæ ..... 12.00 ʒiii
Misce et fiat solutio.

Sig:—Give 2 c. c. subcutaneously once daily.

Dog—Myocarditis.

℞

Pulv. Digitalis ..... 1.20 grxx
Pulv. fructus juniperi P. G.... 4.00 ʒi
Aquæ quant. suffic. ut fiat masse e qua forma pillulas No. XV.

Sig:—Give one pill daily.

Dog—Ascites.

℞

Infusi Digitalis ..... 10.00 ʒiiss
Liquoris potassii acetatis..... 20.00 ʒv
Olei juniperis ..... 1.00 gttsxv
Misce et fiat solutio.

Sig:—Give 10 drops twice daily.

Dog—Valvular Insufficiency.

℞

Ext. Digitalis ..... 1.00 gttsxv
Sacchari ..... 4.00 ʒi
Misce et fiant chartulæ No. XVI.

Sig:—One powder daily.

Dog—Valvular Insufficiency.

℞

Fluid extracti digitalis..... 0.50 grvii
Aquæ ..... 30.00 ℥i
Misce et fiat solutio.

Sig:—Give teaspoonful once daily. Small dogs give half quantity.

Horse—Hearts Weakness.

℞

Tincturæ strophanthi ..... 10.00 ʒiiss
Aquæ destillatæ ..... 30.00 ℥i
Misce et fiat solutio.

Sig:—Give at one dose.

Liniment.

℞

Tincturæ aconiti ..... 60.00 ℥ii
Tincturæ opii ..... 90.00 ℥iii
Chloroformi ..... 30.00 ʒi
Misce et fiat linimentum.

Sig:—Apply as indicated to the part.

Pigs—Emetic.

℞

Pulv. ipecacuanhæ ..... 2.00 ʒss
Pulv. veratri ..... 1.00 grxv
Misce et fiant chartulæ No. II.

Sig:—Give one powder and repeat in one hour if necessary.

Horse—Muscular Rheumatism.

℞

Veratrinæ ..... 0.50 grvii
Alcohol diluti ..... 60.00 ℥ii
Misce et fiat solutio.

Sig:—Inject 5 c. c. every 12 hours into the affected tissue.

Cow—Milk Fever.

℞

Veratrinæ ..... 0.20 griii
Alcohol ..... 10.00 ʒiiss
Misce et fiat solutio.

Sig:—Give subcutaneously in 2 doses.

Cow—Constipation.

℞

Veratrinæ ..... 0.3 grv
Antimonii et potassii tartratis.. 8.00 ʒii
Aquæ ..... 240.00 ℥viii
Misce et fiat solutio.

Sig:—Give at once.

Dog—Emetic.

℞

Pulv. ipecacuanhæ ..... 0.2 griii
Antimonii et potassii tartratis.. 0.1 grii
Sacchari ..... 1.0 grxv
Misce et fiant chart. No. II.

Sig:—Give one powder. Repeat if necessary in 30 minutes.

Liniment.

℞

Tinct. aconiti
Tinct, cannabis indicae.....aa 120.00 ℥iv
Aetheris ..... 45.00 ℥iss
Alcohol ..... 150.00 ℥v
Misce et fiat linimentum.

Sig:—Apply to area with friction.

Horse—Expectorant.

℞

Pulv. ipecacuanhæ .....
Ammonii chloridi .....aa 45.00 ℥iss
Pulv. glycyrrhizæ ..... 90.00 ℥iii
Pulv. gentianæ ..... 120.00 ℥iv
Misce et fiant chartulæ No. X.

Sig:—Give one powder every 12 hours.

Horse—Intermittent Fever.

℞

Quininæ sulphatis ..... 30.00 ℥i
Pulv. althaeæ ..... 120.00 ℥iv
Acaciæ .....
Aquæ .....aa q. s.
Fiat massa e qua forma bolos No. IV.

Sig:—Give one bolus every 12 hours

Dog—Catarrhal Pneumonia.

℞

Pulv. ipecacuanhæ ..... 4.00 ʒi
Ammonii chloridi ..... 2.00 ʒss
Pulv. glycyrrhizæ ..... 2.00 ʒss
Misce et fiat pulv. Div. in chart. No. XVI.

Sig:—Give one powder every 12 hours.

Horse—Diarrhoea.

℞

Pulv. cinchonæ ..... 60.00 ℥ii
Pulv. althaeæ ..... 45.00 ℥iss
Aquæ quantum sufficiat ut fiat electuarium.

Sig:—Give in 2 doses 24 hours apart.

Dog—Chronic Catarrh of Stomach.

℞

Decoct. cinchonæ ..... 90.00 ℥iii
Acidi hydrochlorici ..... 2.00 ʒss
Misce bene.

Sig:—Give teaspoonful every 6 hours.

Cat—Catarrh of Bowels.

℞

Tincturæ cinchonæ
Tincturæ rhei aromaticæ.....aa 30.00 ʒi
Misce et fiat mistura.

Sig:—Give 10 drops three times daily.

Horse—Influenza.

℞

Quininæ sulphatis ..... 60.00 ℥ii
Tincturæ ferri chloridi..... 45.00 ℥iss
Pulv. althaeæ ..... 60.00 ℥ii
Glycerini quant. suffic. ut fiat elect.

Sig:—Divide into 6 parts and give one daily.

Dog—Leukaemia.

℞

Quininæ sulphatis ..... 4.00 ʒi
Arseni Trioxidi 0.06 gr1-10
Acaciæ
Sacchari .....aa
Fiat massa, e qua forma pilulas. No. XX.

Sig:—Give two pills daily.

Dog—Rheumatism.

℞

Sodii salicylatis ..... 10.00 ʒiiss
Aquæ ..... 240.00 ℥viii
Misce et fiat solutio.

Sig:—Give teaspoonful every 8 hours.

Horse—Rheumatism.

℞

Sodii salicylatis ..... 15.00 ℥ss
Pulv. glycyrrhizæ ..... 30.00 ʒi
Misce et fiat pulv. Div. in chart. No. 3.

Sig:—Give one powder daily.

Cattle Rheumatism.

℞

Sodii salicylatis ..... 30.00 ℥i
Divide in chartulas. No. III.

Sig:—Give one powder every 6 hours in pint water.

Horse—Pneumonia.

℞

Sodii salicylatis ..... 150.00 ℥v
Pulv. cinchonæ .....
Pulv. glycyrrhizæ.....aa 30.00 ℥i
Aquæ quant. suffic. ut fiat elect.

Sig:—Give in three doses, once daily.

Salicylic Acid Ointment.

℞

Acidi salicylatis ..... 4.00 ʒi
Adipis ..... 90.00 ℥iii
Misce et fiat unguentum.

Sig:—Use externally.

Preserving Solution.

℞

Acidi salicylatis ..... 4.00 ʒi
Acidi borici ..... 10.00 ʒiiss
Misce et fiat pulv.

Sig:—Use for 1000 c. c. liquid.

Dog—Rheumatism.

℞

Phenylis salicylatis ..... 2.00 ʒss
Sacchari ..... 2.00 ʒss
Misce et fiat pulv. Div. in chart. XV.

Sig:—Give one powder every 8 hours.

Dogs—Ottorhoea.

℞

Phenylis salicylatis ..... 4.00 ʒi
Alcohol ..... 180.00 ℥vi
Misce et fiat solutio.

Sig:—Use as wash for external ear.

Mouth Wash—Antiseptic.

℞

Phenylis salicylatis ..... 4.00 ʒi
Alcohol ..... 90.00 ℥iii
Olei menthæ piperitæ.....
Tinct. Vanillæ .....aa 1.00 mxv
Syrupi ..... 45.00 ℥iss
Misce et fiat solutio.

Sig:—Use as a mouth wash.

Horse—Catarrh of Bladder.

℞

Phenylis salicylatis ..... 45.00 ʒiss
Pulv. glycyrrhizæ ..... 90.00 ʒiii
Aquæ quant. suffic. fiat elect.

Sig:—Give in five doses, once daily.

Dog—Catarrh of Bladder.

℞

Phenylis salicylatis ..... 4.00 ʒi
Sacchari ..... 2.00 ʒss
Misce et fiat pulv. Div. in chart. No. X.

Sig:—Give one powder every 12 hours.

Dog—Catarrh of Bowels.

℞

Phenylis salicylatis ..... 2.00 ʒss
Mentholis ..... 0.50 grvii
Sacchari ..... 2.50 grxxxv
Misce et fiat pulv. Div. in chart. No. VI.

Sig:—Give one powder every 8 hours.

Dog—Fetid Bronchitis.

℞

Olei Terebinthinæ ..... 10.00 ʒiiss
Acaciæ ..... 20.00 ʒiv
Aquæ destillatæ ..... 300.00 ʒx
Misce et fiat emulsio.

Sig:—Give teaspoonful three times daily.

Sheep—Lung Worms.

℞

Olei terebinthinæ .....
Olei olivæ .....aa 10.00 ʒiiss
Misce et fiat mistura.

Sig:—Give in two doses intratracheally 24 hours apart.

Cow—Chronic Indigestion.

℞

Olei terebinthinæ ..... 45.00 ℥iss
Decocti lini ..... 240.00 ℥viii
Misce et fiat mistura.

Sig:—Give in 2 doses 24 hours apart.

Horse—Ascarides (Round worms).

℞

Olei terebinthinæ ..... 30.00 ʒi
Olei lini ..... 240.00 ℥viii
Misce et fiat mistura.

Sig:—Give at once.

Dog—Catarrh of Bladder.

℞

Olei Terebinthinæ ..... 0.25 miv
Olei olivæ ..... 4.00 ʒi
Misce. Divide in capsules. No. X.

Sig:—Give one capsule daily.

Horse—Colic.

℞

Olei terebinthinæ ..... 45.00 ℥iss
Spiritus camphoræ ..... 60.00 ℥ii
Aetheris ..... 45.00 ℥iss
Misce et fiat solutio.

Sig:—Give in doses 2 hours apart.

Horse—Gangrene of the Lungs.

℞

Picis liquidæ
Sulphuris sublimati .....aa 45.00 ℥iss
Pulv. glycyrrhizæ
Aquæ .....aa q. s.
Fiant boli No. VI.

Sig:—Give one bolus every 8 hours.

Chronic Eczema.

℞

Picis liquidæ	10.00	ʒiiss
Saponis mollis	45.00	℥iss
Alcohol	90.00	℥iii

Misce et fiat emulsio.

Sig:—Apply every three days.

Tar Ointment.

℞

Picis liquidæ	4.00	ʒi
Adipis	45.00	℥iss

Misce et fiat unguentum.

Sig:—Apply locally externally for mange.

Horse—Canker.

℞

Picis liquidæ	75.00	℥iiss
Calcii sulphatis	150.00	℥v

Misce.

Sig:—Apply direct to canker.

Dog—Mange and Eczema.

℞

Balsami peruviani		
Saponis mollis .....aa	30.00	℥i
Alcohol	240.00	℥viii

Misce et fiat mistura.

Sig:—Apply once daily.

Stimulant for Wounds.

℞

Balsami peruviani	2.00	ʒss
Petrolati	20.00	℥v

Misce et fiat unguentum.

Sig:—Apply to wounds once daily.

Dog—Cystitis.

℞

Balsami peruviani ..... 2.00 ʒss
Sacchari ..... 20.00 ʒv
Misce. Divide in capsulas No. X.

Sig:—Give one capsule daily.

Horse—Cystitis.

℞

Balsami peruviani ..... 150.00 ℥v
Pulv. althaeæ ..... 75.00 ℥iiss
Glycerini ..... q. s.
Misce ut fiant boli No. X.

Sig:—Give one daily.

Horse—Pneumonia.

℞

Olei sinapis volitilis..... 10.00 ʒiiss
Alcohol ..... 90.00 ℥iii
Misce et fiat solutio.

Sig:—Apply to walls of thorax as counter-irritant.

Cow—Stomachic.

℞

Pulv. fœniculi ..... 90.00 ℥iii
Pulv. anisi ..... 45.00 ℥iss
Pulv. gentianæ ..... 30.00 ℥i
Sodii chloridi ..... 180.00 ℥vi
Sodii sulphatis ..... 150.00 ℥v
Misce et fiat pulvis.

Sig:—Give tablespoonful on each feed.

Horse—Cystitis.

℞

Olei eucalypti ..... 30.00 ℥i
Divide in capsulas No. V.

Sig:—Give one capsule daily.

Horse—Stomachic.

℞

Pulv. fœniculi ..... 90.00 ℥iii
Pulv. calami ..... 30.00 ℥i
Sodii chloridi ..... 240.00 ℥viii
Misce et fiat pulvis.

Sig:—Give tablespoonful on each feed.

Dog—Cystitis.

℞

Olei eucalypti ..... 2.00 ʒss
Divide in capsulas in numero XV.

Sig:—Give one capsule daily.

Stomatitis.

℞

Tincturæ myrrhæ ..... 16.00 ʒiv
Aquæ destillatæ ..... 240.00 ℥viii
Misce et fiat emulsio.

Sig:—Use as mouth wash.

Dog—Carminative.

℞

Mentholis ..... 0.1 grii
Sacchari ..... 1.0 grxv
Misce et fiat pulvis.

Sig:—Give at once.

Horse—Liniment (restitution fluid.)

℞

Tincturæ capsici ..... 60.00 ℥ii
Aquæ Ammoniæ fortioris.....
Spiritus camphoræ .....aa 120.00 ℥iv
Sodii chloridi ..... 90.00 ℥iii
Aquæ ..... 500.00 Oi
Misce ut fiat linimentum.

Sig:—Use as a liniment.

Cow—Catarrh of Stomach.

℞

Pulv. anisi
Pulv. fœniculi .....aa 60.00 ℥ii
Menthæ piperitæ ..... 30.00 ℥i
Sodii bicarbonatis ..... 75.00 ℥iiss
Misce et fiat pulvis.

Sig:—Give tablespoonful on each feed.

Cow—Milk Powder.

℞

Antimonii Sulphidi U. S. P. 1890 ..... 180.00 ℥vi
Pulv. fœniculi .....
Pulv. anisi .....aa 90.00 ℥iii
Misce et fiat pulvis.

Sig:—Give tablespoonful on each feed.

Canary Bird—Lice.

℞

Olei anisi ..... 10.00 ʒiiss
Alcohol ..... 60.00 ℥ii
Misce et fiat solutio.

Sig:—Use few drops once daily to parts.

Dog—Enteritis.

℞

Olei anisi ..... 2.00 ʒss
Alcohol ..... 20.00 ʒv
Misce et fiat solutio.

Sig:—Give 10 drops every three hours in teaspoonful of water.

Horse—Flatulent Colic.

℞

Asafoetidae ..... 90.00 ℥iii
Aquæ.
Pulv. althaeæ .....aa
q. s. fiat massa, e qua forma bolos No. III.

Sig:—Give one every 6 hours.

Horse—Dropsical Condition.

℞

Pulv. fructus juniperi..... 90.00 ℥iii
Sodii chloridi ..... 240.00 ℥viii
Sodii sulphatis ..... 45.00 ℥iss
Misce et fiat pulvis.

Sig:—Give tablespoonful 3 times daily.

Cow—Bronchial Catarrh.

℞

Pulveris fructus juniperi..... 240.00 ℥viii
Sodii sulphatis ..... 500.00 lb. i
Ammonii chloridi ..... 45.00 ℥iss
Misce et fiat pulvis.

Sig:—Give tablespoonful on each feed.

Dog—Catarrh of Bladder.

℞

Olei juniperi ..... 10.00 ʒiiss
Alcohol ..... 20.00 ʒv
Misce et fiat solutio.

Sig:—Give 10 drops every three hours.

Dog—Ascites.

℞

Ext. juniperi
Liquoris potassii acetatis.....aa 30.00 ℥i
Infusi digitalis ..... 10.00 ʒiiss
Syrupi aurantii ..... 90.00 ℥iii
Misce et fiat solutio.

Sig:—Give teaspoonful every 12 hours.

Horse—Hearts weakness—Pneumonia.

℞

Camphoræ ..... 30.00 ℥i
Aetheris ..... 60.00 ℥ii
Misce et fiat solutio.

Sig:—Give 10 c. c. subcutaneously every 3 hours.

Dog—Diuretic.

℞

Tincturæ asafœtidæ..... 10.00 ʒiiss
Spiritus menthæ piperitæ..... 15.00 ℥ss
Syrupi sarsaparillæ compositi... 60.00 ℥ii
Misce et fiat mistura.

Sig:—Give teaspoonful every three hours.

Cattle—Stomachic.

℞

Olei juniperi ..... 45.00 ℥iss
Olei lin ..... 240.00 ℥viii
Decocti lini ..... 500.00 Oi
Misce et fiat emulsio.

Sig:—Give in 4 doses, once daily.

Horse—Septic Fever.

℞

Pulv. camphoræ ..... 45.00 ℥iss
Pulv. althaeæ ..... 150.00 ℥v
Aquæ quant. suffic. Fiat massa e qua forma bolos No. II.

Sig:—Give one bolus daily.

Camphor Ointment.

℞

Camphoræ ..... 2.00 ʒss
Alcohol ..... 4.00 ʒi
Petrolati ..... 30.00 ℥i
Misce et fiat unguentum.

Sig:—Apply externally.

Decubitus.

℞

Alcoholis ..... 240.00 ℥viii
Acidi tannici ..... 20.00 ʒv
Misce et fiat solutio.

Sig:—Use twice daily enough to saturate the wound.

Epistaxis.

℞

Adrenalini chloridi 1-5000
in water

Sig:—Use as injection.

Favus—Dogs—Cats—Fowls.

℞

Sulphuris sublimati ..... 20.00 ʒv
Petrolati ..... 60.00 ℥ii
Misce et fiat unguentum.

Sig:—Apply once daily. The parts should be soaked in warm water to remove the crusts and dried thoroughly before appilying ointment.

Dog—Rheumatism.

℞

Spiritus camphoræ ..... 300.00 ℥x
Aetheris ..... 10.00 ℥iiss
Misce et fiat linimentum.

Sig:—Apply with friction to affected area.

Dog—Pyaemia.

℞

Camphoræ ..... 4.00 ʒi
Sacchari ..... 2.00 ʒss
Misce et fiant chartulas No. V.

Sig:—Give one powder every 3 hours.

Dog—Rheumatism.

℞

Camphoræ ..... 30.00 ℥i
Chlorali hydrati ..... 30.00 ℥i
Misce et fiat solutio.

Sig:—Apply sufficient amount to saturate surface. Rub in thoroughly.

Horse—Hearts Weakness—Pneumonia.

℞

Spiritus camphoræ ..... 60.00 ℥ii

Sig:—Give 15 c. c. subcutaneously every 4 hours.

Pigs—Thumps—Spasm of Diaphragm.

℞

Camphoræ ..... 3.00 grxlv
Sodii bromidi ..... 1.00 grxv
Sacchari ..... 1.00 grxv
Misce et fiant chartulæ No. III.

Sig:—Give one powder and repeat in one hour if necessary.

Horse—Thumps—Spasm of Diaphragm.

℞

Camphoræ ..... 30.00 ℥i
Sodii bromidi ..... 15.00 ℥ss
Pulv. glycyrrhizæ, aquæ aa quant. suffic. ut fiat bolus.

Sig:—Give at once.

Horse—Digestive Weakness—Stomachic.

℞

Pulv. gentianæ ..... 45.00 ℥iss
Pulv. fœniculi ..... 90.00 ℥iii
Sodii chloridi ..... 240.00 ℥viii
Misce et fiat pulvis.

Sig:—Give tablespoonful on each feed.

Dog—Stomatitis—Mouth Wash for Small Animals.

℞

Thymolis ..... 0.25 griv
Acidi benzoici ..... 3.00 grxlv
Olei menthæ piperitæ..... 0.50 mvii
Alcohol ..... 90.00 ℥iii
Misce et fiat solutio.

Sig:—Use teaspoonful to glass of water.

Dog—Worms.

℞

Thymolis	1.00 grxv
Sacchari	1.00 grxv

Misce et fiat pulvis.

Sig:—Give at once.

Antiseptic Solution.

℞

Thymolis	0.50 grvii
Aquæ destillatæ	500.00 Oi

Misce et fiat solutio.

Sig:—Use for wounds.

Horse—Catarrh of Stomach.

℞

Pulv. gentianæ	60.00 ℥ii
Pulv. nucis vomicæ	30.00 ℥i
Pulv. glycyrrhizæ	150.00 ℥v

Misce et fiat pulvis.

Sig:—Give tablespoonful on each feed.

Horse—Tonic.

℞

Pulv. gentianæ	30.00 ℥i
Pulv. fructus juniperi.....	60.00 ℥ii
Ferri sulphatis	150.00 ℥v
Pulv. glycyrrhizæ	60.00 ℥ii

Misce et fiat pulvis.

Sig:—Give tablespoonful on each feed.

Dog—Catarrh of Stomach.

℞

Tincturæ gentianæ	4.00 ʒi
Acidi hydrochlorici diluti.....	10.00 ʒiiss
Syrupi aurantii	60.00 ℥ii

Misce et fiat solutio.

Sig:—Teaspoonful every 4 hours.

Cow—Indigestion.

℞

Tincturæ gentianæ ..... 15.00 ℥ss
Acidi hydrochlorici diluti..... 30.00 ℥i
Misce.

Sig:—Give in pint of water.

Horse—Rectal Worms (Oxyuris Curvula).

℞

Quassiæ ..... 60.00 ℥ii
Aquæ destillatæ .....1000.00 Oii
Misce et fiat decoctum.

Sig:—Use as rectal injection.

Horse—Diarrhoea.

℞

Fluidextracti calumbæ ..... 120.00 ℥iv
Fluidextracti rhei ..... 45.00 ℥iss
Misce.

Sig:—Two tablespoonfuls twice daily.

Horse—Stomachic—Catarrh of Stomach and Bowels.

℞

Pulv. calumbæ ..... 180.00 ℥vi
Pulv. gentianæ ..... 60.00 ℥ii
Sodii chloridi ..... 90.00 ℥iii
Misce et fiat pulvis.

Sig:—Tablespoonful three times daily on feed.

Horse—Constipation—Purgative.

℞

Aloes barbadensis ..... 24.00 ʒvi
Hydrargyri chloridi mitis..... 8.00 ʒii
Pulv. zingiberis ..... 10.00 ʒiiss
Pulv. glycyrrhizæ
Glycerini āā quant. suffic.
Fiat bolus.

Sig:—Give at once.

Horse—Colic—Constipation.

℞

Olei lini ..... 500.00 Oi
Fluidextracti belladonnæ..... 10.00 ʒiiss
Misce ut fiat mistura.

Sig:—Give at once.

Cattle—Impaction of Rumen—Constipation.

℞

Olei Ricini ..... 500.00 Oi
Olei Tiglii ..... 0.50 mvii
Olei Lini ..... 250.00 O ss
Misce et fiat emulsio.

Sig:—Give at once as drench.

Dog—Constipation.

℞

Fluidextracti belladonnæ..... 20.00 ʒv
Syrupi ..... 30.00 ℥i
Misce et fiat mistura.

Sig:—Give in two doses 8 hours apart.

Cow—Impaction.

℞

Olei Tiglii ..... 1.0 mxv
Olei lini ..... 500.00 Oi
Misce et fiat emulsio.

Sig:—Give at once as drench.

Horse—Icterus.

℞

Resinæ podophylli ..... 15.00 ℥ss
Hydrargyri chloridi mitis..... 10.00 ʒiiss
Pulv. glycyrrhizæ.
Glycerini .....aa q. s.
Fiat masse qua forma bolos No. 111

Sig:—Give one bolus every 12 hours.

Dog—Icterus.

℞

Resinæ podophylli ..... 0.1 griii
Sacchari ..... 0.5 grvii
Misce et fiant chartulæ No. II.

Sig:—Give one powder and repeat in 24 hours.

Abortion—Infectious.

Antiseptic solutions of creolin: carbolic acid: lysol; should be used to wash out the vagina and external genitals. Disinfect the stable and everything that the discharge has come in contact with.

Abscess.

To abort abscesses, inject carbolic acid solution 2 p. c., about 10 cc acid around the abscess, or paint with tincture of idodine.

Acne.

Abort by applying pure creolin or carbolic acid. Foment with a hot solution of boric acid in water ..... ʒv.OI 20.00—500.00.

Horse—Diarrhoea.

℞

Acidi tannici ..... 30.00 ℥i
Decocti lini ..... 240.00 ℥viii
Misce et fiat mistura.

Sig:—Give in two doses, 12 hours apart.

Calf—Diarrhoea.

℞

Acidi tannici ..... 4.00 ʒi
Decocti lini ..... 240.00 ℥viii
Misce et fiat mistura.

Sig:—Give at one dose.

Horse—External Wash and Stimulant.

℞

Fluidextracti Hamamelidis .... 240.00 ℥viii
Olei carophylli ..... 4.00 ʒi
Olei sassafras ..... 10.00 ʒiiss
Aquæ .....4000.00 Oviii
Misce et fiat mistura.

Sig:—Apply as indicated.

Horse—Bronchitis—Expectorant.

℞

Pulv. glycyrrhizæ ..... 120.00 ℥iv
Ammonii chloridi ..... 60.00 ℥ii
Pulv. fructus juniperis P. G.... 30.00 ℥i
Pulv. althaeæ ..... 180.00 ℥vi
Misce et fiat pulvis.

Sig:—Give tablespoonful on each feed.

Dog—Tape Worm.

℞

Olei-resinæ aspidii..... 0.5 mvii
Divide in capsulas No. II.

Sig:—Give one capsule and repeat in 12 hours with the other.

Horse Colic—Laminitis.

℞

Arecolinæ hydrobromidi ..... 0.06 gri
Aquæ destillatæ ..... 10.00 ʒiiss
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Wounds—Strew Powder.

℞

Acidi tannici ..... 30.00 ℥i
Iodoformi ..... 4.00 ʒi
Misce et fiat pulvis.

Sig:—Use as strew powder.

Dog—Worms. (Ascarides.)

℞

Santonini ..... 0.5 grvii
Sacchari ..... 0.5 grvii
M. Ft. chart. No. III.

Sig:—Give one powder every 12 hours and follow each dose with one-half ounce of castor oil.

Horse—Worms. (Ascarides.)

℞

Santonini ..... 3.00 grxlv
Aloes barbadensis ..... 20.00 ʒv
Hydrargyri chloridi mitis 8.00 ʒii
Pulv. althaeæ
Glycerini .....aa qs
Misce ut fiat bolus.

Sig:—Give at once.

Dog—Ottorhoea.

℞

Acidi tannici ..... 4.00 ʒi
Alcohol ..... 240.00 ℥viii
Misce et fiat solutio.

Sig:—Use as wash.

Dog—Eczema.

℞

Acidi tannici ..... 4.00 ʒi
Glycerini ..... 60.00 ℥ii
Misce et fiat solutio.

Sig:—Apply once daily.

Dog—Stomatitis.

℞

Tincturæ catechu ..... 10.00 ʒiiss
Aquæ menthe piperitæ..... 150.00 ℥v
Misce et fiat mistura.

Sig:—Use as mouth wash.

Dogs and Cats—Fleas.

℞

Lycopodii ..... 90.00 ℥iii
Florum pyrethri ..... 60.00 ℥ii
Olei anisi ..... 0.50 mvii
Misce et fiat pulvis.

Sig:—Use as dusting powder.

Horse Diarrhoea.

℞

Pulv. catechu ..... 60.00 ℥ii
Pulv. althaeæ ..... 75.00 ℥iiss
Aquæ et glycerini quant. suffic. fiat massa, e qua forma bolos No. III.

Sig:—Give one daily.

Uterine Injection—Astringent.

℞

Tincturæ catechu ..... 150.00 ℥v
Aquæ destillatæ .....1000.00 Oii
Misce et fiat solutio.

Sig:—Use at once. Inject into uterus.

Cow—Dystokia.

℞

Fluidextracti Ergotæ (Squibb's) 30.00 ℥i
Aquæ destillatæ ..... 500.00 Oi
Misce et fiat mistura.

Sig:—Give at once as drench.

Cantharides Oil—Blister.

℞

Pulv. Cantharidis ..... 1.00 grxv
Olei olivæ ..... 4.00 ʒi
Misce. Heat on a water bath for 30 minutes and strain.

Sig:—Apply externally.

Dog—Chorea.

℞

Exalgini ..... 1.68 grxxv
Aquæ destillatæ ..... 60.00 ℥ii

Sig:—Give teaspoonful once daily.

Septicaemia—Horse, Cow and Dog.

℞

Liquoris Formaldehydi ..... 1.00 mxv
Aquæ destillatæ .....2500.00 Ov
Misce et fiat solutio.

Sig:—Inject three and one-third c. c. to the pound of live weight of the animal.

Horse—Colic.

℞

Sodii hyposulphitis.
Olei terebinthinæ .....aa 45.00 ℥iss
Chloroformi ..... 90.00 ℥iii
Fluidextracti belladonnæ ..... 30.00 ℥i
Spiritus frumenti ..... 360.00 ℥xii

Sig:—Give one ounce every 30 minutes.

Dog—Ulceration of Stomach.

℞

Argenti nitratis ..... 0.50 grvii
Kaolini ..... 1.00 grxv
Misce et fiant pillulæ No. XX.

Sig:—Give two daily.

Dog—Diarrhoea.

℞

Argenti nitratis ..... 0.40 grvi
Aquæ destillatæ ..... 120.00 ℥iv
Glycerini ..... 10.00 ʒiiss
Misce et fiat solutio.

Sig:—Give teaspoonful every three hours.

Conjunctivitis.

℞

Argenti nitratis ..... 0.40 grvi
Aquæ destillatæ ..... 20.00 ʒv
Misce et fiat solutio.

Sig:—Use twice daily as eye wash.

Laryngitis.

℞

Argenti nitratis ..... 0.50 grvii
Sacchari lactis ..... 10.00 ʒiiss
Misce et fiat pulvis.

Sig:—Use as powder with powder blower.

Horse—Diarrhoea.

℞

Argenti nitratis ..... 1.00 grxv
Kaolini ..... 60.00 ʒii
Aquæ destillatæ quant.
suffic. fiant bolos No. V.

Sig:—Give one every 12 hours.

Horse—Purpura Hemorrhagica.

℞

Protargoli ..... 2.00 ʒss
Aquæ destillatæ ..... 90.00 ℥iii
Misce et fiat solutio.

Sig:—Give in two doses 12 hours apart.

Acute and Chronic Dermatitis.
Pink Ointment.

℞

Zinci carbonatis ..... 45.00 ℥iss
Phenolis ..... 6.00 ʒiss
Mentholis ..... 2.0 ʒss
Petrolati ..... 90.00 ℥iii
Misce et fiat unguentum.

Sig:—Apply once daily.

Astringent and Antiseptic.

℞

Protargoli	4.00	ʒi
Aquæ destillatæ	180.00	℥vi

Misce et fiat solutio.

Sig:—Use as astringent.

Conjunctivitis.

℞

Zinci sulphatis	1.00	grxv
Aquæ destillatæ	90.00	℥iii

Misce et fiat solutio.

Sig:—Apply twice daily.

Pigs—Emetic.

℞

Zinci sulphatis	1.00	grxv
Sacchari	6.00	ʒiss

Misce et fiat pulvis.

Sig:—Give at once.

Dogs—Emetic.

℞

Zinci sulphatis	1.00	grxv
Aquæ destillatæ	90.00	℥iii

Misce et fiat solutio.

Sig:—Give teaspoonful every 10 minutes until emetic action is obtained.

Horse—Dermatitis.

℞

Zinci oxidi	30.00	℥i
Phenolis	4.00	ʒi
Olei olivæ	120.00	℥iv

Misce et fiat mistura.

Sig:—Apply once daily.

Dog—Eczema.

℞

Zinci oxidi..... 30.00 ℥i
Cretæ praeparatæ..... 60.00 ℥ii
Misce et fiat pulvis.

Sig:—Use as strew powder for wounds.

Dog—Emetic.

℞

Cupri sulphatis..... 1.00 grxv
Aquæ destillatæ..... 60.00 ℥ii
Misce et fiat solutio.

Sig:—Give teaspoonful every 15 minutes.

Pig—Emetic.

℞

Cupri sulphatis..... 1.00 grxv
Sacchari ..... 4.00 ℥i
Misce et fiat pulvis.

Sig:—Give at once.

Sheep—Licking Disease.

℞

Ferri reducti..... 90.00 ℥iii
Sodii chloridi.....1000.00 Oii
Pulv. fructus juniperi P. G.... 500.00 Oi
Misce et fiat pulvis.

Sig:—Place where sheep can lick it.

Horse—Bronchitis.

℞

Antimonii et potassii tartratis.. 15.00 ℥ss
Ammonii chloridi..... 45.00 ℥iss
Pulv. glycyrrhizæ.....
Pulv. althaeæ.....
Pulv. fructus juniperis P.G..aa 60.00 ℥ii
Misce et fiat pulvis.

Sig:—Tablespoonful three times daily on feed.

Horse—Anaemia.

℞

Ferri reducti..... 20.00 ʒv
Sodii chloridi..... 250.00 ℥viii
Pulv. fœniculi..... 75.00 ℥iiss
Misce et fiat pulvis.

Sig:—Give tablespoonful on each feed.

Dog—Tape Worm.

℞

Cupri oxidi..... 0.08 grss
Amyli ..... 0.40 grvi
Misce et fiant chartulæ No. III.

Sig:—Give one powder daily.

Wound—Antiseptic.

℞

Cupri sulphatis..... 12.00 ʒiij
Aquæ destillatæ..... 240.00 ʒviii
Misce et fiat solutio.

Sig:—Use on wounds.

Dog—Anaemia-Leukaemia.

℞

Ferri reducti..... 0.50 grvii
Sacchari ..... 1.00 grxv
Misce et fiant chartulæ No. XV.

Sig:—Give one powder daily.

Sheep—Licking Disease.

℞

Ferri sulphatis ..... 90.00 ℥iii
Sodii chloridi ..... 60.00 ℥ii
Sodii sulphatis..... 500.00 ℥xvi
Pulv. fructus juniperi P. G.... 250.00 ℥viii
Misce et fiat pulvis.

Sig:—Place where sheep can lick it.

Horse—Canker.

℞

Cupri sulphatis
Ferri sulphatis .....aa 90.00 ℥iii
Misce et fiat pulvis.

Sig:—Use as strew powder.

Horse—Diarrhoea.

℞

Ferri sulphatis ..... 15.00 ℥ss
Pulv. althaeæ et glycerini quant.
suffic. ut fiat bolus.

Sig:—Give at once.

Horse—Cough.

℞

Cocainæ hydrochloratis ..... 2.00 ʒss
Codeinæ sulphatis ..... 6.00 ʒiss
Aquæ amygdalæ amaræ..... 360.00 ℥xii
Misce et fiat solutio.

Sig:—Give ounce dose twice daily.

Horse—Blister, Spavin, Ring-bones.

℞

Hydrargyri iodidi rubri..... 4.00 ʒi
Pulv. cantharidis ..... 4.00 ʒi
Petrolati ..... 30.00 ℥i
Misce et fiat unguentum.

Sig:—Apply every three days.

Dog—Distemper-Tonic.

℞

Ferri et quininæ citratis ..... 4.00 ʒi
Pepsini ..... 1.00 grxv
Sacchari ..... 2.00 ʒss
Misce et fiant chartulæ No. XX.

Sig:—Give a powder every 12 hours.

Horse—Bronchitis-Expectorant.

℞

Ammonii chloridi ..... 45.00 ℥iss
Sodii chloridi ..... 90.00 ℥iii
Pulv. glycyrrhizæ ..... 180.00 ℥vi
Misce et fiat pulvis.....

Sig:—Give tablespoonful three times daily.

Dog—Cough.

℞

Morphinæ sulphatis ..... 0.15 grii
Aquæ amygdalæ amaræ..... 60.00 ℥ii
Misce et fiat solutio.

Sig:—Give teaspoonful three times daily.

Horse—Leukaemia-Anaemia.

℞

Ferri sulphatis ..... 30.00 ℥i
Sodii chloridi ..... 210.00 ℥vii
Pulv. anisi ..... 60.00 ℥ii
Misce et fiat pulvis.

Sig:—Give tablespoonful on each feed.

Birds—Intestinal Antiseptic.

℞

Ferri sulphatis ..... 4.00 ʒi
Sodii bicarbonatis ..... 20.00 ʒv
Aquæ destillatæ ..... 500.00 Oi
Misce et fiat solutio.

Sig:—Give small quantity in drinking water.

Sheep—Dip-Ticks-Mange.

℞

Arseni trioxidi ..... 500.00 ℥xvi
Alumini sulphatis .....6000.00 ℔. xii
Aquæ .....100000.00 gal. xxii
Misce et fiat solutio.

Sig:—Use for 100 sheep.

Dog—Distemper.

℞

Hydrargyri chloridi mitis..... 0.05 gr$\frac{3}{4}$
Sacchari ..... 0.2 griii
Misce et fiant chartulæ No. III.

Sig:—Give a powder every 6 hours.

Dog—Distemper-Tonic.

℞

Ferri et quininæ citratis..... 4.00 ʒi
Syrupi sarsaparillæ compositi.. 60.00 ℥ii
Misce et fiat solutio.

Sig:—Give teaspoonful every 6 hours.

Sheep—Dip-Ticks-Mange.

℞

Arseni Trioxidi ..... 1,500.00 lb. iii
Ferri sulphatis .....10,000.00 lb. xx
Aquæ .....100,000.00 Cxv
Misce et fiat solutio.

Sig:—Use for 100 sheep.

Sheep—Dip-Ticks-Mange.

℞

Arseni Trioxidi ..... 1,000.00 lb. ii
Potassii carbonatis ..... 1,000.00 lb. ii
Aquæ .....100,000.00 Cxv
Misce et fiat solutio.

Sig:—Use for 100 sheep.

Dog—Anaemia-Chorea-Mange—Eczema.

℞

Liquoris potassii arsenitis..... 10.00 ʒiiss
Aquæ cinnamomi ..... 90.00 ℥iii
Misce.

Sig:—Shake. Give teaspoonful daily.

Horse—Anaemia-Tonic.

℞

Liquoris potassi arsenitis ..... 240.00 ℥viii

Sig:—Give tablespoonful twice daily.

Horse—Anaemia.

℞

Liquor potassii arsenitis ..... 120.00 ℥iv
Tincturæ ferri chloridi ..... 120.00 ℥iv
Misce et fiat solutio.

Sig:—Give tablespoonful twice daily.

Horse—Worms (round).

℞

Arseni trioxidi ..... 1.00 grxv
Aloes barbadensis ..... 24.00 ʒvi
Saponis mollis ..... q. s.
Fiat boli No. II.

Sig:—Give one and repeat in 8 hours.

Horse—Bronchitis-Catarrh of Bowels.

℞

Sodii sulphatis ..... 120.00 ℥iv
Sodii chloridi ..... 90.00 ℥iii
Sodii bicarbonatis ..... 45.00 ℥iss
Arseni trioxidi ..... 1.00 grxv
Misce et fiat pulvis.

Sig:—Give tablespoonful on each feed.

Carlsbad Salts.

℞

Sodii sulphatis ..... 22.00 ʒvss
Potassii sulphatis ..... 1.00 grxv
Sodii bicarbonatis ..... 18.00 ʒivss
Sodii chloridi ..... 10.00 ʒiiss
Misce et fiat pulvis.

Sig:—Give tablespoonful on each feed for horse. Dog, 10 grains twice daily.

Dogs—Rachitis.

℞

Olei phosphorati ..... 1.00 mxv
Olei morrhuæ ..... 120.00 ℥iv
Misce.

Sig:—Give teaspoonful three times daily.

Colts—Rachitis.

℞

Olei phosphorati Br..... 4.00 ʒi
Olei olivæ ..... 240.00 ℥viii
Misce.

Sig:—Give teaspoonful once daily.

Horse—Rachitis.

℞

Calcii phosphatis ..... 150.00 ℥v
D. pulv. No. X.

Sig:—Give a powder daily.

Colts—Rachitis.

℞

Calcii phosphatis
Calcii carbonatis .....aa 60.00 ℥ii
Potassii bicarbonatis ..... 30.00 ʒi
Pulv. fœniculi ..... 60.00 ℥ii
Misce et fiat pulvis.

Sig:—Give tablespoonful twice daily.

Calves—Dysentery-Diarrhoea.

℞

Magnesii carbonatis
Magnesii oxidi .....aa 4.00 ʒi
Opii pulveris ..... 6.00 ʒiss
Misce et fiant chartulæ No. III.

Sig:—Give one powder every 6 hours in pint of warm water.

Dog—Gastro-intestinal Catarrh.

℞

Magnesii carbonatis
Sacchari lactis .....aa 1.00 grxv
M. et ft. chart. No. V.

Sig:—Give a powder every 8 hours.

Dog—Rachitis.

℞

Syrupi calcii lacto-phosphatis.. 90.00 ℥iii

Sig:—Give teaspoonful twice daily.

Horse—Colic-Constipation.

℞

Magnesii sulphatis ..... 500.00 lbi
Pulv. glycyrrhizæ ..... 60.00 ℥ii
Pulv. althaeæ ..... 210.00 ℥vii
Aquæ .....q. s.
Fiat electuarium

Sig:—Give in two doses 12 hours apart.

Wounds—Antiseptic.

℞

Iodoformi ..... 10.00 ʒiiss
Aetheris ..... 60.00 ℥ii
Misce et fiat solutio.

Sig:—Apply in form of spray.

Wounds—Antiseptic-Astringent.

℞

Iodoformi ..... 4.00 ʒi
Acidi tannici ..... 16.00 ʒiv
Misce et fiat pulvis.

Sig:—Apply to wound as strew powder.

Dog—Infectious Catarrh of Bowels.

℞

Acetphenetidini ..... 0.5 grvii
Sacchari ..... 1.00 grxv
Misce et fiant chartulæ No. II.

Sig:—Give 12 hours apart.

Wounds—Antiseptic.

℞

Iodoformi ..... 2.00 ʒss
Acidi borici ..... 20.00 ʒv
Misc et fiat pulvis.

Sig:—Apply to wounds as strew powder.

Wounds—Protective Covering.

℞

Iodoformi ..... 2.00 ʒss
Collodii flexilis ..... 20.00 ʒv
Misce et fiat solutio.

Sig:—Use enough to cover wound.

Dog—Ottorrhoea.

℞

Thioformi ..... 4.00 ʒi
Creolini ..... 2.00 ʒss
Acidi borici ..... 24.00 ʒvi
Misce et fiat mixtura.

Sig:—Apply to ear after cleaning thoroughly with alcohol.

Cow—Actinomycosis.

℞

Potassi iodidi ..... 60.00 ℥ii
Aquæ destillatæ ..... 240.00 ℥viii
Misce et fiat solutio.

Sig:—Give one and one-half tablespoonfuls once daily in pint water.

Dog—Distemper.

℞

Acetphenetidini ..... 2.00 ʒss
Sacchari ..... 2.00 ʒss
Misce et fiant chartulæ No. VI.

Sig:—Give a powder every 12 hours.

Horse—Chronic Bronchitis.

℞

Potassii iodidi	16.00	ʒiv
Ammonii chloridi	45.00	℥iss
Pulv. glycyrrhizæ	120.00	℥iv
Pulv. fructus juniperi P. G.	120.00	℥iv
Sodii chloridi	180.00	℥vi

Misce et fiat pulvis.

Sig:—Give tablespoonful three times daily.

Parasites—External.

℞

Phenolis	4.00	ʒi
Alcohol	10.00	ʒiiss
Saponis mollis	60.00	℥ii

Misce et fiat mistura.

Sig:—Use externally.

Antiseptic Solution—Wounds.

℞

Phenolis	24.00	ʒvi
Aquæ	480.00	Oi

Misce et fiat solutio.

Sig:—Apply to wounds.

Wounds—Antiseptic Sol.

℞

Creolini	10.00	ʒiiss
Aquæ	500.00	Oi

Misce et fiat mistura.

Sig:—Apply to wound.

Dog—Ottorhoea.

℞

Creolini	10.00	ʒiiss
Alcohol	60.00	℥ii

Misce et fiat solutio.

Sig:—Apply to ear twice daily.

Horse—Influenza.

℞

Acetanilidi	90.00	℥iii
Sodii chloridi	150.00	℥v
Sodii sulphatis	75.00	℥iss
Sodii bicarbonatis	45.00	℥iss
Pulv. fructus juniperis P. G.	180.00	℥vi

Misce et fiat pulvis.

Sig:—Give tablespoonful three times daily.

Dog—Mange.

℞

Creolini		
Alcohol aa	90.00	℥iii
Saponis mollis	75.00	℥iiss

Misce et fiat mistura.

Sig:—Apply as indicated.

Sheep—Mange.

℞

Creolini	90.00	℥iii
Alochol	150.00	℥v
Saponis mollis	180.00	℥vi

Misce et fiat mistura.

Sig:—Use as indicated.

Wounds—Strew Powder-Antiseptic.

℞

Creolini	1.00	mxv
Acidi borici	60.00	℥ii

Misce et fiat pulvis.

Sig:—Apply direct to wounds.

Horse—Colic.

℞

Fluid extracti cannabis indicæ.	60.00	℥ii
Aquæ	60.00	℥ii

Misce et fiat mistura.

Sig:—Shake well. Give in 2 doses three hours apart.

Dog—Constipation-Impaction.

℞

Creolini	2.00 ʒss
Extracti glycyrrhizæ	4.00 ʒi
Ceræ flavæ	2.00 ʒss

Misce et fiant pillulæ No. X.

Sig:—Give a pill every 6 hours.

Horse—Catarrh of Bowels.

℞

Creolini	60.00 ℥ii
Extracti glycyrrhizæ	120.00 ℥iv
Pulveris althaeæ	30.00 ℥i

Aquæ quant. suffic. fiant boli No. VI.

Sig:—Give one every 6 hours.

Horse—Colic

℞

Fluidextracti belladonnæ	45.00 ℥iss
Tincturæ nucis vomicæ.....	15.00 ʒss
Aquæ	240.00 ℥viii

Misce et fiat mistura.

Sig:—Shake. Give in three doses 1 hour apart.

Dog—Heart Stimulant.

℞

Atropinæ sulphatis	0.10 gr. iss

Acaciæ et sacchari et aquæ quant. suffic. Fiat massa. e qua forma pillulas No. x

Sig:—Give a pill daily.

Horse—Heart Stimulant, Pneumonia.

℞

Atropinæ sulphatis	0.10 gr. iss
Aquæ destillatæ	10.00 ʒiiss

Misce et fiat solutio.

Sig:—Give in 2 doses 8 hours apart.

Dog—Salivation.

℞

Atropinæ sulphatis ..... 0.2 griii
Extracti glycyrrhizæ et aquae
quant. suffic.
Fiat massa. e qua forma pillulas No. XX.

Sig:—Give 2 pills daily.

Horse—Colic.

℞

Fluidextracti belladonnæ ..... 75.00 ℥iiss
Fluidextracti cannabis indicæ... 45.00 ℥iss
Aetheris ..... 15.00 ʒss
Misce et fiat solutio.

Sig:—Give one ounce every hour.

Dog—Ascites-Hydrothorax.

℞

Caffeinæ citratis .....
Sacchari .....aa. 0.5 grvii
Misce ut fiant chartulæ No. V.

Sig:—Give one powder daily.

Horse—Heart Weakness.

℞

Caffeinæ citratis ..... 0.4 griv
Aquæ destillatæ ..... 8.0 ʒii
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Cow—Catarrh of Bowels-Tonic.

℞

Pulv. nucis vomicæ..... 90.00 ℥iii
Sodii bicarbonatis ..... 75.00 ℥iiss
Sodii sulphatis ..... 120.00 ℥iv
Sodii chloridi ..... 60.00 ℥ii
Pulv. fœniculi ..... 90.00 ℥iii
Misce et fiat pulvis.

Sig:—Give tablespoonful on each feed.

Cow—Milk Fever-Heart Stimulant.

℞

Caffeinæ citratis ..... 0.30 griv
Aquæ destillatæ ..... 10.00 ʒiiss
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Dog—Tonic.

℞

Tincturæ nucis vomicæ..... 8.00 ʒii
Tincturæ gentianæ ..... 10.00 ʒiiss
Aquæ ..... 60.00 ℥ii
Misce et fiat mistura.

Sig:—Shake: Give teaspoonful twive daily.

Cat—Tonic.

℞

Tincturæ nucis vomicæ..... 1.00 mxv
Syrupi aurantii ..... 60.00 ℥ii
Misce et fiat mistura.

Sig:—Shake. Give teaspoonful once daily.

Horse—Spinal Paralysis.

℞

Strychninæ sulphatis ..... 0.06 gri
Aquæ destillatæ ..... 4.00 ʒi
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Cow—Milk Fever-Stimulant.

℞

Strychninæ sulphatis..... 0.24 griv
Aquæ destillatæ ..... 16.00 ʒiv
Misce et fiat solutio.

Sig:—Give one-sixth every 4 hours subcutaneously.

Horse—Colic-Acute Indigestion.

℞

Physostigminæ sulphatis ..... 0.06 gri
Aquæ destillatæ ..... 4.00 ʒi
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Cow—Paralysis of Bowels-Constipation.

℞

Physostigminæ sulphatis ..... 0.12 grii
Strychninæ sulphatis ..... 0.03 grss
Aquæ destillatæ ..... 8.00 ʒii
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Myotic.

℞

Physostigminæ sulphatis ..... 0.12 grii
Aquæ destillatæ ..... 15.00 ℥ss
Misce et fiat solutio.

Sig:—Drop few drops into eye every 15 minutes until contraction of the pupil occurs.

Horse—Tetanus.

℞

Fluidextracti cannabis indicæ.. 60.00 ℥ii
Fluidextracti gelsemii ..... 180.00 ℥vi
Misce et fiat mistura.

Sig:—Give in three doses 12 hours apart.

Horse—Muscular Rheumatism.

℞

Sodii salcicylatis ..... 75.00 ℥11ss
Phenylis salicylatis ..... 45.00 ℥iss
Pulv. althaæ et aquæ quant. suffic. fiant boli No. 6.

Sig:—Give one bolus every 12 hours.

Pig—Anaesthetic.

℞

Chlorali hydrati ..... 15.00 ℥ss
Glycerini ..... 30.00 ℥i
Misce et fiat solutio.

Sig:—Give via rectum.

Pig—Lung Worms.

℞

Olei terebinthinæ
Olei olivæ .....aa 90.00 ℥iii
Misce et fiat mistura.

Sig:—Give 5 c. c. to each pig intratracheally.

Horse—Thrush.

℞

Olei terebinthinæ ..... 30.00 ℥i
Picis liquidæ ..... 240.00 ℥viii
Misce et fiat mistura.

Sig:—Apply once daily.

Eczema.

℞

Olei picis liquidæ ..... 10.00 ʒiiss
Petrolati ..... 60.00 ℥ii
Misce et fiat unguentum.

Sig:—Apply to affected part once daily.

Mange Bath.

℞

Phenolis ..... 1,500.00 Oiii
Sodii carbonatis ..... 3,000.00 lb. vi
Nicotianæ tabaci ..... 10,000.00 lb. xxii
Saponis mollis ..... 3,000.00 lb. vi
Aquæ bullientis .....500,000.00 Ccxiv
Misce et fiat infusum.

Sig:—Use for dip.

Dog—Rheumatism.

℞

Sodii salicylatis ..... 10.00 ʒiiss
Aquæ destillatæ ..... 250.00 Oss
Misce et fiat solutio.

Sig:—Give teaspoonful every 6 hours.

Wounds—Excessive Granulation.

℞

Acidi salicylici ..... 45.00 ℥iss
Acidi chromici ..... 10.00 ʒiiss
Misce et fiat pulvis.

Sig:—Apply once daily until sufficient action is produced.

Cow—Constipation.

℞

Pulveris foliorum nicotianæ tabaci ..... 60.00 ℥ii
Sodii sulphatis ..... 500.00 lb. i
Aquæ ..... 1000.00 Oii
Misce et fiat mistura.

Sig:—Give at once.

Mange Bath.

℞

Potassii hydroxidi ..... 10,000.00 lb xxii
Nicotinæ tabaci ..... 12,000.00 lb. xxvi
Aquæ bullientis ..... 500,000.00 Ccxxv
Misce et fiat infusum.

Sig:—Use for dip.

Cow—Stomachic—Catarrh of Stomach.

℞

Pulv. foliorum nicotianæ tabaci. 90.00 ℥iii
Sodii sulphatis
Sodii chloridi .....aa 240.00 ℥viii
Misce et fiat pulvis.

Sig:—Give tablespoonful on each feed.

Cat—Diarrhoea.

℞

Tincturæ cinchonæ
Tincturæ rhei aromaticæ....aa 30.00 ℥i
Misce et fiat mistura.

Sig:—Give 10 drops four times daily.

Anorexia.

Use stomachics, (see Tonics and Stomachics.)

Dog—Congestion of Lungs.

℞

Tincturæ aconiti ..... 0.40 ♏vi
Syrupi ..... 30.00 ℥i
Misce et fiat mistura.

Sig:—Give teaspoonful every hour.

Alopecia.

℞

Tincture of cantharides rubbed in the skin; soap liniment applied the same.
Alcohol ..... 240.00 ℥viii
Tincturæ iodi ..... 120.00 ℥iv
Misce et fiat solutio.

Sig:—Apply once daily for alopecia areata.

Anemia.

℞

Fowler's solution of arsenic.

Hair Tonic.

℞

Quininæ sulphatis ..... 15.00 ℥ss
Aquæ destillatæ ..... 240.00 ℥viii
Olei sassafras
Olei carophylli
Olei lavandulæ .....aa 2.00 ʒss
Alcohol diluti ..... 300.00 ℥x
Misce et fiat solutio.

Sig:—Use as stimulant to hair follicles.

Horse—Congestion of the Lungs.

℞

Tincturæ aconiti ..... 8.00 ʒii
Aquæ ..... 240.00 ℥viii
Misce et fiat mistura.

Sig:—Give three tablespoonfuls every 2 hours.

Horse—Influenza.

℞

Quininæ sulphatis ..... 10.00 ʒiiss
Pulv. althaeæ et aquæ quant. suffic. fiat bolus.

Sig:—Give at once.

Horse—Pneumonia.

℞

Sodii salicylatis ..... 150.00 ℥v
Pulv. cinchonæ
Pulv. glycyrrhizæ .....aa 30.00 ʒi
Aquæ quant. suffic. fiant boli No. IV.

Sig:—Give one every 24 hours.

Dog—Infectious Bowel Catarrh.

℞

Phenylis salicylatis ..... 1.00 grxv
Quininæ sulphatis ..... 0.50 grvii
Sacchari ..... 0.50 grvii
Misce et fiant chartulæ No. X.

Sig:—Give a powder every 6 hours.

Horse—Influenza.

℞

Phenylis salicylatis ..... 30.00 ʒi
Pulv. glycyrrhizæ et aquæ quant. suffic. fiat bolus.

Sig:—Give at once. Repeat in 24 hours if necessary.

Cow—Rheumatism.

℞

Acidi salicylici ..... 75.00 ℥iiss
D. in pulv. No. IV.

Sig:—Give a powder in pint of water every 12 hours.

Dog—Rheumatism.

℞

Phenylis salicylatis ..... 0.50 grvii
Sacchari ..... 1.00 grxv
Misce et fiant chartulæ, No. V.

Sig:—Give one powder every 8 hours.

Cow—Chronic Indigestion.

℞

Olei terebinthinæ ..... 45.00 ℥iss
Decocti lini ..... 240.00 ℥viii
Misce et fiat emulsio.

Sig:—Give at once.

Cow—Foot and Mouth Disease.

℞

Digitalini ..... 0.06 gr. i
Alcohol diluti ..... 4.00 ʒi
Aquæ destillatæ ..... 20.00 ℥v

Misce et fiat solutio.

Sig:—Give at once, intravenously.

Horse—Chest Plague.

℞

Tinctura strophanthi ..... 20.00 ℥v
Pulv. fructus juniperi P. G... 45.00 ℥iss
Pulv. althaeæ ..... 30.00 ℥i
Aquæ quant. suffic. fiat electuarium.

Sig:—Give in two doses 24 hours apart.

Dog—Bronchitis.

℞

Acidi benzoici	2.00	ʒss
Sacchari	10.00	ʒiiss

Misc et fiant chartulæ, No. X.

Sig:—Give a powder daily.

Horse—Chest Plague.

℞

Pulv. digitalis	10.00	ʒiiss
Vini rubri	500.00	Oi

Misce et fiat mistura.

Sig:—Give at once.

Dog—Valvular Insufficiency.

℞

Pulv. digitalis	0.12	grii
Sacchari	1.00	grxv

Misce et fiant chartulæ, No. X.

Sig:—Give a powder daily.

Horse—Hearts Weakness.

℞

Pulv. digitalis	10.00	ʒiiss
Pulv. fructus juniperis P. G..	90.00	ʒiii

Pulv. althaeæ et aquæ quant. suffic. fiat massa, e. qua forma boli No. IV.

Sig:—Give a bolus daily.

Dogs—Uncinaria-Ascarides.

℞

Wormseed oil	1.00	Mxv
Turpentine	0.12	Mii
Anise oil	1.00	Mxv
Castor oil	18.00	ʒivss
Olive oil	12.00	ʒiii

Mix.

Dose for puppies under 8 weeks ½ teaspoonful.

Dog—Ascites.

℞

Infusi scillæ	60.00 ℥ii
Succi juniperis	20.00 ʒv

Misce et fiat mistura.

Sig:—Give teaspoonful once daily.

Dog—Ascites.

℞

Agurini	4.00 ʒi
Syrupi	10.00 ʒiiss
Aquæ destillatæ	150.00 ℥v

Misce et fiat solutio.

Sig:—Give teaspoonful every 4 hours.

Dog—Mange-Demodex.

℞

Oleoresinæ aspidii	45.00 ℥iss
Balsami peruviani	75.00 ℥iiss
Creolini	45.00 ℥iss
Alcohol	500.00 Oi

Misce et fiat solutio.

Sig:—Use as indicated.

Balanitis.

Wash with 2% lysol solution; 2% creolin emulsion in water.

Bots in Horses.

Carbon disulphide in capsules, give 10 c.c. in capsules for three doses. Follow with 500 c.c. linseed oil.

Broken Wind—Heaves.

Fowler's solution of arsenic.

Bruises.

Priessnitz poultice; antiphlogistine; camphor liniment.

Horse—Heart's Weakness.

℞

Caffeinæ citratis ..... 0.32 grv
Aquæ destillatæ ..... 10.00 ℥iiss
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Horse—Heart's Weakness.

℞

Scopolamini hydrobromici .... 0.025 gr⅓
Aquæ destillatæ ..... 10.00 ℥iiss
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Dog—Tape Worms.

℞

Chloroformi ..... 4.00 ʒi
Olei ricini ..... 60.00 ℥ii
Misce et fiat emulsio.

Sig:—Give in 2 doses 12 hours apart.

Eclampsia in Bitches.

℞

Chloroformi ..... 4.00 ʒi
Syrupi ..... 45.00 ℥iss
Misce.

Sig:—Give teaspoonful every hour until symptoms are relieved.

Dog—Epilepsy.

℞

Sodii bromidi,
Potassi bromidi .....aa 4.00 ʒi
Ammonii bromidi ..... 2.00 ʒss
Aquæ destillatæ ..... 150.00 ℥v
Misce et fiat solutio.

Sig:—Gve teaspoonful every 6 hours.

Dog—Bronchitis.

℞

Apomorphinæ hydrochloridi.... 0.06 gr. i
Acidi hydrochlorici ..... 1.00 Mxv
Aquæ destillatæ ..... 240.00 ℥viii
Misce et fiat solutio.

Sig:—Give teaspoonful every 3 hours.

Dog—Emetic.

℞

Apomorphinæ hydrochloridi.... 0.12 grii
Aquæ destillatæ ..... 20.0 ʒv
Misce et fiat solutio.

Sig:Give 2 c.c. subcutaneously.

Cow—Licking Disease.

℞

Apomorphinæ hydrochloridi.... 0.50 grvii
Aquæ distillatæ ..... 30.00 ℥i
Misce et fiat solutio.

Sig:—Give 5 c.c. subcutaneously once daily.

Horse—Colic—Laminitis.

℞

Arecolinæ hydrobromidi ..... 0.06 gri
Aquæ destillatæ ..... 4.00 ʒi
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Endo-metritis.

℞

Phenolis.
Alocohol .....aa 60.00 ℥ii
Aquæ ..... 4000.00 Ci
Misce et fiat solutio.

Sig:—Use as injection into uterus.

Diphtheria in Birds.

℞

Phenolis	4.00	ʒi
Glycerini,		
Aquæ destillatæ .....aa	90.00	℥iii

Misce et fiat solutio.

Sig:—Paint over the membrane with small brush.

Dogs—Uncinaria-Ascarides.

℞

Santonin	0.300	gr. iv
Wormseed oil	1.500	Mxxii
Oil anise	1.00	Mxv
Castor oil	22.00	ʒvss
Olive oil	8.00	ʒii

Mix.

Dose—½ teaspoonful for puppies 8 weeks or over.

Vienna Tar Liniment.

℞

Picis liquidæ,		
Sulphuris sublimati .....aa	90.00	℥iii
Saponis mollis.....		
Alcohol .....aa	180.00	ʒvi

Misce et fiat mistura.

Sig:—Use as indicated.

Dog—Ascites.

℞

Infusi digitalis	60.00	℥ii
Diuretini		
Tincturæ strophanthi.....aa	4.00	ʒi
Liquoris potassi acetatis.....		
Succi juniperi .....aa	30.00	ʒi

Misce et fiiat mistura.

Sig:—Give a teaspoonful every 6 hours.

Mange—Dog.

℞

Phenolis,
Alcohol .....aa 6.00 ʒiss
Saponis mollis ..... 60.00 ℥ii
Misce et fiat mistura.

Sig:—Apply once daily.

Carbolic Acid Ointment.

℞

Phenolis ..... 2.00 ʒss
Petrolati ..... 20.00 ʒv
Misce et fiat unguentum.

Sig:—Apply externally as indicated.

Dog—Chronic Eczema.

℞

Picis liquidæ.
Saponis mollis .....aa 60.00 ℥ii
Alcohol ..... 30.00 ℥i
Misce et fiat mistura.

Sig:—Use once daily.

Tar Ointment—Mange—Eczema.

℞

Picis liquidæ ..... 6.00 ʒiss
Petrolati ..... 60.00 ℥ii
Misce fiat unguentum.

Sig:—Use once daily.

Sheep Mange.

℞

Creolini,
Alcohol .....aa 90.00 ℥iii
Saponis mollis ..... 750.00 Oiss
Misce et fiat mistura.

Sig:—Use once daily.

Dog Mange.

℞

Betanaptholis	6.00	ʒiss
Petrolati	60.00	℥ii

Misce et fiat unguentum.

Sig:—Apply once daily.

Dog—Chronic Eczema.

℞

Betanaptholis	10.00	ʒiiss
Alcohol	90.00	℥iii

Misce.

Sig:—Apply once daily.

Dog—Mange—Eczema.

℞

Resorcini	12.00	ʒiv
Aquæ	240.00	℥viii

Misce at fiat solutio.

Sig:—Apply once daily.

Dog—Mange—Eczema.

℞

Ichthyolis	10.00	ʒiiss
Aetheris		
Alcohol		
Aquæ destillatæ ....aa	30.00	℥i

Misce et fiat mistura.

Sig:—Apply once daily.

Dog—Bronchitis--Distemper.

℞

Morphinæ hydrochloratis	0.25	griv
Apomorphinæ hydrochloratis	0.05	grss
Acidi hydrochlorici	1.00	Mxv
Aquæ destillatæ	240.00	℥viii

Misce et fiat solutio.

Sig:—Give teaspoonful every 4 hours.

Cow—Milk Fever.

℞

Caffeinæ salicylatis ..... 2.00 ʒss
Aquæ destillatæ ..... 20.00 ℥v
Misce et fiat solutio.

Sig:—Give at once, subcutaneously.

Horse—Colic.

℞

Morphinæ sulphatis ..... 0.45 grvii
Aquæ destillatæ ..... 10.00 ʒiiss
Misce et fiat solutio.

Sig:—Give at once, subcutaneously.

Dog—Cough.

℞

Codeinæ phosphatis ..... 0.30 gr. iv
Syrupi althaeæ ..... 10.00 ʒiiss
Aquæ destillatæ ..... 150.00 ℥v
Misce et fiat solutio.

Sig:—Give teaspoonful every 3 hours.

Local Anasthesia and Astringent.

℞

Cocainæ hydrochloratis ..... 0.50 grvii
Adrenalini chloridi (1-1000 sol). 10.00 ʒiiss
Aquæ destillatæ ..... 30.00 ℥i
Misce et fiat solutio.

Sig:—Used as indicated.

Dog—Heart's Weakness.

℞

Alcohol diluti ..... 10.00 ʒiiss
Scopolam. hydrobrom. ..... 0.02 gr⅓
M. ft. solutio.

Sig:—Give in 2 doses 12 hours apart, sub cutaneously

Eclampsia in Bitches.

℞

Morphinæ sulphatis ..... 0.12 grii
Aquæ destillatæ ..... 10.00 ʒiiss
Misce et fiat solutio.

Sig:—Give in 2 doses 4-6 hours apart.

Horse—Heart's Weakness.

℞

Atropinæ sulphatis ..... 0.12 grii
Aquæ destillatæ ..... 10.00 ʒiiss
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Burns.

Equal parts of lime water and linseed oil. (Linimentum Calcis.)

Dog—Anaesthetic.

℞

Morphinæ sulphatis ..... 0.12 grii
Atropinæ sulphatis 0.006 gr1-10
Aquæ ..... 1.00 Mxv
Misce et fiat solutio.

Sig:—Give subcutaneously 20-30 minutes before operating. For small dogs give half the amount.

Horse—Oxyuris Curvula.

℞

Tincturæ ferri chloridi..... 60.00 ℥ii
Aquæ ..... 1000.00 Oii
Misce.

Sig:—Inject into rectum.

Foot and Mouth Disease.

Wash parts with antiseptics. Disinfect stable thoroughly.

Absorbent.

℞

Potassii iodidi	8.00	ʒii
Pulv. iodi	4.00	ʒi
Camphoræ	16.00	ʒiv
Alcohol	120.00	℥iv

Misce et fiat solutio.

Sig:—Apply with friction to enlargement.

Horse—Vesicant (Blister).

℞

Hydrargyri iodidi rubri	4.00	ʒi
Ichthyolis	4.00	ʒi
Petrolati	15.00	℥ss

Misce et fiat unguentum.

Sig:—To be thoroughly rubbed in for 10 minutes.

Horse—Vesicant (Blister).

℞

Hydrargyri chloridi corrosivi	15.00	℥ss
Alcohol.		
Glycerini ....aa	60.00	ʒii

Misce et fiat solutio.

Sig:—Apply once every 4 days for ringbones, spavins, etc.

Horse—Anaemia—Tonic.

℞

Arseni trioxidi	4.00	ʒi
Pulv. nucis vomicæ	12.00	ʒiii
Ferri sulphatis	120.00	℥iv
Pulv. zingiberis	60.00	℥ii
Pulv. gentianæ	90.00	℥iii

Misce et fiat pulvis.

Sig:—Tablespoonful twice daily in feed.

Dog—Eczema.

℞

Betanaptholis
Ichthyolis .....aa 10.00 ʒiiss
Olei olivæ ..... 180.00 ℥vi
Misce et fiat emulsio.

Sig:—Apply sufficient amount to saturate the surface diseased.

Horse—Dog—Ring Worm.

℞

Sulphuris iodidi ..... 10.00 ʒiiss
Petrolati ..... 30.00 ℥i
Misce et fiat unguentum.

Sig: Apply once daily.

Cow—Mastitis.

℞

Camphoræ ..... 10.00 ʒiiss
Fluidextracti belladonnæ ..... 4.00 ʒi
Petrolati ..... 60.00 ℥ii
Misce et fiat unguentum.

Sig:—Apply by friction to the udder.

Horse—Ascarides (Round Worms).

℞

Thymolis ..... 10.00 ʒiiss
Pulv. althaæ et aquæ q. s. fiat bolos.

Sig:—Give at once.

Dog—Rheumatism.

℞

Camphoræ ..... 4.00 ʒi
Alcohol ..... 75.00 ℥iiss
Misce et fiat solutio.

Sig:—Apply once daily.

Dermatitis.

℞

Hydrargyri chloridi *mitis.*
Acidi tannici.
Zinci oxidi .....aa 60.00 ℥ii
Olei adipis quant. suffic. fiat unguentum.

Sig:—Apply once daily.

Horse—Vesicant (Blister).

℞

Olei tiglii ..... 15.00 ℥ss
Olei lini ..... 500.00 Oi
Olei terebinthinæ ..... 120.00 ℥iv
Camphoræ ..... 30.00 ʒi
Misce et fiat mistura.

Sig:—Apply once daily.

Ichthyol Ointment.

℞

Ichthyolis ..... 6.00 ʒiss
Petrolati ..... 60.00 ℥ii
Misce et fiat unguentum.

Sig:—Used as indicated.

Lugol's Soiution.

℞

Iodi ..... 6.00 ʒiss
Potassii iodidi ..... 12.00 ʒiii
Aquæ destillatæ ..... 120.00 ℥iv
Misce et fiat solutio.

Lugol's Ointment.

℞

Iodi ..... 1.00 grxv
Potassii iodidi ..... 2.00 ʒss
Petrolati ..... 24.00 ʒvi
Misce et fiat unguentum.

Mueller's Fluid (Fixing Sol. for Tissues.)

℞

Potassii dichromatis	24.00	ʒvi
Sodii sulphatis	10.00	ʒiiss
Aquæ destillatæ	1000.00	Oii

Misce et fiat solutio.

Horse—Bronchitis.

℞

Creosoti	15.00	℥ss
Pulv. glycyrrhizæ	60.00	℥ii

Pulv. althaeæ, aquæ aa q. s. fiat massa, e qua forma pillulas in numero tres.

Sig:—Give a pill daily.

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